

# **GPPN CONFERENCE 2019**

1 - 2 MAR 2019

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# PROGRAMME

## 1 MARCH

9.00 AM	Registration & Networking Session
9.45 AM	Opening Remarks by Prof. Danny Quah, Dean of the LKY School of Public Policy
10.00 AM	3-minute Elevator Pitches
12.00 PM	Lunch
2.15 PM	Deans' Roundtable
3.15 PM	Introduction of SDG Groups 1 & 2
3.25 PM	SDG Project Presentation by Group 1
3.55 PM	SDG Project Presentation by Group 2
4.25 PM	Announcement of Shortlisted GPPN Teams into Day 2



# PROGRAMME

## 2 MARCH

9.00 AM	Presentation of the Shortlisted GPPN Teams
11.30 AM	Gallery Walk for Posters
12.30 PM	Lunch
1.30 PM	SDG Project Presentation by Group 3
2.05 PM	SDG Project Presentation by Group 4
2.40 PM	Award Ceremony
3.00 PM	End of Conference

# GPPN JURY



**MERIT E. JANOW, Dean**

**Columbia University, School of International and Public Affairs**

Merit E. Janow is an internationally recognized expert in international trade and investment, with extensive experience in academia, government, international organizations and business. In addition, she has had a life-long involvement with Asia and is an expert in that region. Merit E. Janow has been a Professor of Practice at Columbia University's School of International and Public Affairs (SIPA) and affiliated faculty at Columbia Law School since 1995. She teaches graduate courses in international trade/WTO law, comparative antitrust law, China in the global economy, international trade and investment policy, among others. She has held a number of leadership positions at the University. Currently, in addition to being Dean of SIPA, she is also Co-Director of the APEC Study Center and until recently Chair of the Faculty Oversight Committee of Columbia's Global Center East Asia. Previously, she was Director of the Masters Program in International Affairs and Chair of Columbia University's Advisory Committee on Socially Responsible Investing. Her research interests focus on international trade and investment, Asia, competition law and economic globalization. She has written several books, numerous articles and frequently speaks before business, policy, and academic audiences around the world.



**CLAUDIO GONÇALVES COUTO, Professor and Director of the Professional Master's Degree in Public Policy and Management (MPGPP)**

**Fundação Getulio Vargas (FGV), Escola de Administração de Empresas**

Cláudio Gonçalves Couto was born in São Paulo on October 23rd, 1969. He is a bachelor in Social Sciences (1991), Master in Political Science (1994) and PhD in Political Science (2000) by the University of São Paulo. He conducted a postdoctoral visiting research at Columbia University (USA) with support from the Official Brazilian Agency for the Improvement of University Level Personnel – CAPES (2005-6). He is an occasional columnist of politics of two newspapers: Valor Econômico and O Estado de S. Paulo. Cláudio is an associate professor of the Department of Public Management (EAESP - Getulio Vargas Foundation – SP) and the director of the Professional Master's in Public Policies and Management (MPGPP). He teaches political science at the bachelor's in public administration and is also a Permanent Lecturer (NDP) of the graduate courses (Master's and PhD) in Public Administration and Government. He was the Executive Secretary of ANPOCS (National Association of Graduate Studies and Research in Social Sciences) during the 2014-16 term and is Fellow of the National Council for Scientific and Technological Development (CNPq), with a Research Productivity Grant – Level 1C.



**AKIO TAKAHARA, Dean and Professor**

**Graduate School of Public Policy and Graduate Schools for Law and Politics, The University of Tokyo**

He received his B.A. (Law) from the University of Tokyo in 1981, MPhil (Development Studies) in 1983 and DPhil in 1988 from the University of Sussex. He was researcher of the Sasakawa Peace Foundation, the Japanese Consulate-General in Hong Kong, Associate Professor at J.F. Oberlin University, Professor at Rikkyo University. He is Senior Fellow of the Tokyo Foundation for Policy Research, Senior Adjunct Fellow of the Japan Institute of International Affairs, and Senior Fellow of the Japan Forum on International Affairs. His research and teaching centres on the politics and diplomacy of contemporary China. His publications include *The Politics of Wage Policy in Post-Revolutionary China* (Macmillan, 1992).



### HENRIK ENDERLEIN, President

#### Hertie School of Governance

Henrik Enderlein is President and Professor of Political Economy at the Hertie School of Governance as well as Director of the Jacques Delors Institute Berlin. His research focuses on economic policy-making in Europe, in particular the euro, the EU budget, financial crises and fiscal federalism. In 2012/2013 he was the Pierre Keller Visiting Professor of Public Policy at Harvard Kennedy School and the Weatherhead Center for International Affairs. In 2006/2007 he was Fulbright Distinguished Chair in Duke University's political science department. In 2003, Enderlein was awarded the Max Planck Society's Otto-Hahn Medal for outstanding achievements by young scientists. He prepared his PhD at the Max Planck Institute for the Study of Societies in Cologne, and holds degrees from Sciences Po in Paris and Columbia University in New York. Prior to his academic career, he was an economist at the European Central Bank in Frankfurt.



### DANNY QUAH, Dean and Li Ka Shing Professor in Economics

#### Lee Kuan Yew School of Public Policy, National University of Singapore

Danny Quah is Dean and Li Ka Shing Professor in Economics at the Lee Kuan Yew School of Public Policy, NUS. His current research takes an economic approach to world order, studying the supply and demand of world order: on the one hand, what international system the world's superpowers provide, and on the other, what world order the global community needs.

Quah uses this to recast analysis of global power shifts, the rise of the east, regional order, and models of global power relations.

Quah is a member of the Spence-Stiglitz Commission on Global Economic Transformation. He is the author of "The Global Economy's Shifting Centre of Gravity". Quah gave the third LSE-NUS lecture in 2013, and TEDx talks in 2016, 2014, and 2012. Quah was previously Assistant Professor of Economics at MIT, and then Professor of Economics and International Development, and Director of the Saw Swee Hock Southeast Asia Centre at LSE. He had also served as LSE's Head of Department for Economics, and Council Member on Malaysia's National Economic Advisory Council.

Quah studied at Princeton, Minnesota, and Harvard.



### ANDRÉS VELASCO, Dean

#### London School of Economics, School of Public Policy

Prof Velasco is the Dean of the LSE School of Public Policy. He was the Minister of Finance in Chile between 2006 and 2010 and held professorial roles at the Harvard Kennedy School and Columbia University's School of International and Public Affairs. He has advised governments around the world and formulated policy at the highest levels.



### YANN ALGAN, Dean

#### Sciences Po, School of Public Affairs

Yann Algan is the Dean of the School of Public Affairs and Professor of Economics at Sciences Po. His research focuses on Digital Economy and Public Action 3.0. He also specializes on social capital and well-being in relation to individual outcomes and economic behavior, with particular attention to the role of education, culture, and institutions. His work incorporates methods from psychology, sociology, and economics, including randomized evaluations of public policies. He is a member of the OECD High Level Expert Group on Well-Being, and is affiliated with CEPR and IZA. His awards include the Best French Young Economist (2009), and his books on trust and French society have been awarded Best French Economics Book and French Essay (2009) and Best French Economics Book, Prix Lycéen (2013). In 2010 he was awarded an ERC Starting Grant for his project "Trust". In 2015, he received a second ERC grant, a consolidator one, for the project "Sowell" on Social Preferences, Well-Being, and Policy."

# GPPN FOCAL POINTS



**CORY WAY**, Associate Dean for Student Affairs and Dean of Students  
Columbia University, School of International and Public Affairs

Cory Way is Associate Dean for Student Affairs and Dean of Students at SIPA. He was formerly an award-winning Lecturer on Sociology at Harvard University, the Kirkland House Dean at Harvard College, and Affiliated Faculty at Harvard Law School's Centre on the Legal Profession.

Way holds a doctorate from Oxford and is a licensed attorney who has practiced both litigation and corporate law at Sullivan & Cromwell in New York and Zuckerman Spaeder in Washington, DC. While in law practice he maintained an active pro bono practice, most recently winning political asylum for a Rwanda genocide survivor whose entire family had been murdered; his work on this novel case earned a pro bono award from the Washington Lawyers' Committee for Civil Rights.

He holds degrees from Princeton, Harvard, Virginia and the University of Oxford, where he also served in dean positions at Merton and Corpus Christi Colleges. While in England he was also appointed as Course Director for a masters degree program at the University of Cambridge.

Way's public service includes four years at the U.S. Department of Justice (working for the Assistant Attorney General for the Office of Justice Programs, the U.S. Pardon Attorney, and the Director of the Bureau of Prisons) and one year as a law clerk for the U.S. Court of Appeals for the District of Columbia Circuit. He has also served in an executive director capacity for both the National Committee on Community Corrections and the National Prison Industry Task Force.



**AOI OHNO**, International Affairs Office  
Graduate School of Public Policy and Graduate Schools for Law and Politics,  
The University of Tokyo

Aoi is a Program Coordinator at the International Affairs Office at the Graduate School of Public Policy (GraSPP), University of Tokyo where she is responsible for the GPPN related programs as well as public relations, events & extracurricular activities and student support mainly for the MPP/IP (International Program).

Born in Nagasaki and educated in Japan, Canada and UK. She holds a BA (Hons) in Theatre Design and Arts Management and has also been actively involved in various projects related to culture and arts promotion in the community and youth education.



**JULIANE MCCARTY**, Associate, Curricular Affairs  
Hertie School of Governance

Holding a master's degree in Communication and Japan Studies, Juliane McCarty has worked for more than ten years in project and congress management as well as in public relations in Japan, Canada, France and Germany before joining the Hertie School of Governance in 2016. Besides serving as Focal Point, she is working in the Curricular Affairs department on course organisation and information management.



**FLORENCE SIEW**, Senior Associate Director, Academic Affairs  
Lee Kuan Yew School of Public Policy, National University of Singapore

Armed with a MBA and a MA in Educational Management, Florence has been with both the private and public education industry in Singapore for 23 years involving in sales & marketing, school operations and programme management. Currently, she is with the Academic Affairs Department managing the PhD, Master in Public Policy and the Master in International Affairs programmes. She is also the Student Support Manager of the School and manages the Student Life Unit.



**PAUL SULLIVAN**, Manager and Executive Dean  
London School of Economics, School of Public Policy

Paul is the Manager and Executive Dean of the LSE School of Public Policy. Working with the academic leadership of the School, he is responsible for the management of financial and human resources and the strategic development of the School of Public Policy to offer the best possible student experience and training. He has worked in higher education in the UK for over ten years and joined LSE in 2014. He holds a BA in Politics with French from the University of Leicester with a year abroad at Sciences Po, and a MSc in American Politics from Birkbeck, University of London. Outside of work his interests include cricket, wine, Game of Thrones and taking holidays in France.



**COLINE CHEVRIN**, Academic Coordinator  
Sciences Po, School of Public Affairs

Coline Chevrin works at the Sciences Po School of Public Affairs where she manages the SDG Certificate, the Gender Equality and Public Policy Certificate as well as the Digital, Institutional Innovation and Governance Research Chair. Formerly, she worked as a professor and researcher in territorial development in Argentina. She developed community outreach projects on social economy and focused her research on urban conflicts. Coline is a lecturer at Sciences Po where she gives a course on Development, Globalization and Decolonialism.



**JENNIE COTTLE**, Academic Coordinator  
Sciences Po, School of Public Affairs

Jennie Cottle works at the Sciences Po School of Public Affairs where she manages the International and Dual Degree Programs, Global Public Policy Network, the SDG Certificate and the Management and Public Affairs Policy Stream. Jennie is a PhD candidate in Political Science at the Institut des Hautes Etudes d'Amérique Latine, and a lecturer at Sciences Po on immigration enforcement policies. She holds a Master's degree in International Security from Sciences Po and a Bachelor's degree from the University of California Berkeley. She is the Co-founder of Policy Shift, a think tank dedicated to innovative policy analysis, and a researcher for OPALC - the Political Observatory for Latin America and the Caribbean.

# COLUMBIA UNIVERSITY

SCHOOL OF INTERNATIONAL  
AND PUBLIC AFFAIRS (SIPA)



# DANSO

Clara Stefalyne Tessler, Nausher Khan

## ABSTRACT

Danso aims to address global malnutrition in children under 5 by digitizing nutritional assessment. The Danso android application allows health workers in low-resource settings to obtain full anthropometric measurements of children by simply taking their picture. We leverage proprietary artificial intelligence technology to derive the child's measurements and assess the nutritional status from the image. Danso also creates customizable nutrition databases which allow policy makers and health organizations to effectively allocate resources and inform responsive policies.

## PROFILES



### *Clara Stefalyne Tessler*

Clara Stefalyne Tessler is a second-year student at Columbia University completing her MPA in Development Practice. She has five years' experience working in project design and program management, specializing in agricultural development and food and nutrition security in West and Central Africa. She has worked on strategizing for nutritional programming, building agricultural resilience to climate shocks, developing small businesses, improving market access, vocational skills training, community outreach, and advocacy for vulnerable populations. Clara holds a B.A. in Arts from McGill University. She is fluent in French and English, proficient in Italian, and an elementary student of Dagara. She enjoys running, mushroom hunting, and enormous potlucks.



### *Nausher Khan*

Nausher Khan is a development worker and activist originally from Pakistan. He graduated from York University in 2012 with a degree in Political Science & International Development. His experience in the development sector started as a consultant in Pakistan with Akhuwat, the world's largest interest-free microfinance provider. And, continued with his role at the helm of a national transgender welfare program. While at SIPA, Nausher's focus has been on understanding global food and nutritional security, with an emphasis on systemic models of intervention. A world music enthusiast and pursuer of experience, he perpetually aims to translate obsession into impact.

## ILAW

Fernando Armendaris Puente, Jimena Vallejos, Natasha Goel

### ABSTRACT

ILAW is a platform that offers non-cognitive skill building for youth getting ready to enter the labor market. Firms in the Philippines are prioritizing skills such as communication, creativity, problem-solving and interpersonal skills, even over having a college degree. ILAW will target youth in senior high school who cannot always afford to go to college and need alternative employment pathways. They will be provided with opportunities to gain non-cognitive skills necessary to be fully employable by the time they graduate. By addressing the skill mismatch in the labor market, ILAW aims to reduce the rates of unemployment and underemployment which currently affects the lives of urban youth living in Manila.

### PROFILES



#### *Fernando Armendaris Puente*

Fernando Armendaris Puente, a native Ecuadorian, joined the School of International and Public Affairs to pursue his Master in Public Administration in Development Practice. Prior to joining SIPA, Fernando worked for over five years at the World Bank HQ in Washington D.C. on urban issues such as resilience and inclusion in cities. He was a core member of the CityStrength team that worked with the governments of Ghana and Ethiopia to assess challenges and opportunities in addressing urban resilience. Furthermore, as a consultant, he developed case studies on the World Bank's performance related to building urban resilience in Manila, Philippines; Can Tho, Vietnam; and Jakarta, Indonesia for an independent evaluation.



#### *Jimena Vallejos*

Jimena Vallejos is a development professional with five years of experience in poverty elimination programs, microfinance and financial inclusion. She worked as a manager of Poverty Spotlight, an innovative and participatory poverty assessment tool that has been replicated in over 15 countries. During her time at Fundación Paraguaya, Jimena also worked as manager of the program Inclusive Microfinance Opportunities. This program created tools and procedures to enable people with disabilities and their relatives to access financial services and improve their quality of life. This past summer, Jimena worked as a Fellow for IMAGO Global Grassroots supporting organizations such as Transforming Rural India to evaluate their existing programs and scale up operations. She also worked as a Monitoring, Evaluation and Learning (MEL) Consultant with ChildFund International conducting a desk review and drafting a MEL framework for their program model. Jimena is pursuing a Master of Public Administration in Development Practice at Columbia University in New York and is a Graduate Research Assistant at the National Center for Disaster Preparedness at the Earth Institute.



#### *Natasha Goel*

Natasha is currently pursuing a Master of Public Administration in Development Practice at Columbia University's School of International and Public Affairs (SIPA) in New York City. Born and brought up in Delhi, India, Natasha completed her bachelor's in economics in 2013. After completing her degree, she worked at Google India as a digital advertising consultant for two years. Her additional work with the CSR team motivated her to enter the social sector full time. She taught middle school students from an underprivileged community for two years as a Teach for India Fellow. She worked closely with various stakeholders like parents, teachers, the principal and community members to bring about long-term changes in the class and school. At SIPA, she has focused on the intersection of education with other sectors such as health, nutrition, technology and economic growth while developing quantitative evaluation skills. She interned with the Earth Institute where she evaluated a school-based intervention for teenagers in rural India. For her graduate summer placement, she worked with the Sustainable Development Goals Center for Africa in Kigali, Rwanda on their higher education projects.



# MORAYO

Ashalyn Hardy, Shamira Lukomwa, Theotis Sharpe

## ABSTRACT

Morayo is a peer-to-peer (P2P) platform that equips refugee entrepreneurs with tools to improve their businesses and livelihoods. Through an SMS compatible platform, Morayo equips business owners with an expanded network of likeminded business owners and suppliers, while offering a centralized source for business information and management.

## PROFILES



### *Ashalyn Hardy*

Ashalyn Hardy is a current Master of Public Administration - Development Practice degree candidate at Columbia University's School of International and Public Affairs in the city of New York. Prior to graduate school, Ashalyn spent the last several years as a public servant in the non-profit and government services industry. Ms. Hardy has accrued academic and professional experiences in three continents and six countries: Argentina, Chile, Peru, Thailand, Uruguay, and the United States. In 2016, Ms. Hardy moved to Washington, D.C. to facilitate the State Department's International Visitors Leadership Program (IVLP) with the NGO World Learning. Most recently, Ashalyn has worked as an International Affairs Fellow with the U.S. House of Representatives. Ms. Hardy is a 2018 Charles B. Rangel Graduate Fellow. She will begin her service as a United States Diplomat in 2020.



### *Shamira Lukomwa*

Shamira Lukomwa is a Ugandan-American that calls Atlanta, GA (among other places) home. In May, she will receive a Master of Public Administration degree from Columbia University's School of International and Public Affairs (SIPA), with a concentration in Development Practice and a specialization in Management. She is passionate about capacity building, urban development, job-creation and the use of tech for social good in Africa. Prior to SIPA, Shamira developed and managed programs for an experiential education non-profit and headed the communication and marketing department of an arts/activism hub in Nairobi, Kenya. Most recently, she worked as a Graduate Consultant for a global public policy research and evaluation firm in Accra, Ghana. Shamira holds dual degrees in Global Studies and Communication Studies from the University of North Carolina at Chapel Hill.



### *Theotis Sharpe*

Theotis Sharpe was born in Monrovia, Liberia and spent most of his childhood as a Refugee in Ghana. He has a deep passion for planning and executing growth strategies of small businesses especially those in refugee communities. Theo previously worked as a Treasury Analyst at Wells Fargo helping middle market companies create long term operations and cash management strategies. Prior to that he worked as a Mortgage Consultant at Wells Fargo and JPMorgan Chase. Currently, Theo is a first-year MPA student at Columbia University's School of International and Public Affairs studying international development with an emphasis in infrastructure development. Theo is also the Co-founder and CEO of Morayo.

# PROJECT PEACH

Priscilla Tay, Ryosuke Takemura

## ABSTRACT

Foreign labour forms a significant proportion of Singapore's labour force. Unfortunately, among efforts to secure that availability, top-down regulations have not successfully ensured fair and equitable treatment of FDWs in the country. Project Peach seeks to provide a platform to assist foreign domestic workers in their search for dignified work. Guided by our firm belief that foreign domestic workers should be respected, and their work be equally valued in the labor force, we want to help secure the rights of foreign domestic workers by promoting greater accountability and transparency during the recruitment and employment processes. Specifically, as a proactive, bottom-up initiative, Project Peach looks to create an online space for FDWs to share their agency experiences with the larger community, to facilitate the exchange of information for future recruitment prospects. In addition, information collected within this space would be useful for other interested stakeholders, including: 1) non-governmental organizations looking to bolster advocacy efforts; 2) agencies in source countries looking to make better partnership choices; and 3) governments and embassies of source countries wishing to protect the interests of their citizens working in the FDW employment industry. Ultimately, we hope that such a space would not only be a value-add for FDWs to make better informed choices. But rather that it would also eventually be a force in and of itself to compel employment agencies to abide by lawful and ethical labor practices in order to stay within the industry in the long run.

## PROFILES



*Priscilla Tay*

Priscilla Tay was enrolled as a Master in Public Policy student with the Lee Kuan Yew School of Public Policy in the past year. As part of the GPPN dual-degree program, she is finishing her second year as a Master of International Affairs student at SIPA in Columbia University, with a concentration in International Security Policy and a specialization in International Conflict Resolution. She is also currently interning at the Ethics & International Affairs Journal under the Carnegie Council for Ethics in International Affairs. After graduation in May 2019, she will be joining the Singapore public service.



*Ryosuke Takemura*

Ryosuke Takemura is a dual degree master's student at Columbia University in New York and Sciences Po Paris. He has previous work experience in counter-human trafficking as a case worker intern in Hong Kong. Prior to Columbia University, he worked for Deloitte and Ernst & Young as a tax and supply chain consultant for 4 years. He holds a B.A in Business Administration from International Christian University in Tokyo, Japan.

# STRATEGIC MODEL FOR REDUCING VIOLENCE IN WESTERN ALASKA

LaRissa Connett, Nithya Thiru

## ABSTRACT

In order to combat high rates of sexual violence in Western Alaska and improve Sexual Assault Response (SAR) for women throughout the Yukon Kuskokwim Delta Region, the Thiru Thinks organization will work in collaboration with the established Tundra Women's Coalition to create a human-centered approach to emergency response as well as long term community resiliency. Guided by Sustainable Development Goal 11 to make cities and human settlements inclusive, safe, resilient and sustainable. The analysis and findings will indicate the viability of a safe house network in order to meet target 11.7, to provide universal access to safe, inclusive and accessible, public spaces, in particular for women and children.

## PROFILES



### *LaRissa Connett*

A native of Des Moines, Iowa, LaRissa Connett is pursuing a Master of Public Administration in Economic and Political Development. She attended Philander Smith College and achieved a Bachelor of Arts in Philosophy and Religious Traditions. Before attending SIPA, LaRissa served as a Peace Corps volunteer in Morocco, where she spearheaded community economic and youth capacity building projects. She is passionate about gender and economic equity and has served on various gender and development committees in the U.S. and Morocco.



### *Nithya Thiru*

Nithya Thiru was born and raised in Anchorage, Alaska. She received a Bachelor of Arts in History from the University of Alaska Anchorage, completing her thesis on Romanian fascism, hyper-nationalism and historical memory. Nithya has worked in radio and print journalism, education, and the nonprofit sector. As a LankaCorps Fellow, she worked in Colombo, Sri Lanka alongside a leading think tank on post-conflict reconciliation. Prior to attending SIPA, she worked for Spirit of Youth, a small nonprofit in Alaska that works to empower teen voice. Nithya has volunteered in her community as an advocate for women's health and LGBTQ rights.

## TURATH

Ali Nasrallah, Bethany Waggoner, Fatema Alhashemi, Fatène Ben-Hamza

### ABSTRACT

In most countries in MENA, the budget of ministries of culture comprise between 0.5 to 1 percent of the national budget. This strongly limits any possible policy-driven work to preserve the cultural heritage of small and remote communities. These policies along with budgetary constraints are coupled with a conflict-ridden reality that makes it difficult to protect people, while pushing communities to leave their lands behind in search of more secure livelihoods. This has led to the progressive destruction of the non-renewable public good that is cultural heritage. In order to contribute to the preservation of MENA's cultural heritage, we propose creating a collaborative digital platform to document and preserve various elements of cultural heritage including dialects, poems, stories and proverbs: Turath. Turath is an online platform that is inclusive, welcoming, and friendly for people in MENA to document their own community heritage. Our objective is to protect the existing heritage of communities currently living in the Arab world, and to retrieve the heritage of communities that have been forced from the region and become fragmented in the diaspora. The platform will provide avenues to document and share written contributions as well as multimedia formats such as photos, recordings, and videos.

### PROFILES



#### *Ali Nasrallah*

Ali Nasrallah is a student at Columbia University in the Master of Public Administration in Development Practice program. Ali worked in renewable energy in Jordan focusing mainly on photo-voltaic and energy efficiency for five years. Before coming to SIPA, he worked with a business association that works on research and advocacy for the energy, environment, and water sectors.



#### *Bethany Waggoner*

Bethany M. Waggoner is working towards an MPA in Development Practice with specializations in Gender & Public Policy and International Conflict Resolution at Columbia University's School of International and Public Affairs (SIPA) in New York City. A journalist by training, she has a decade of communications experience across four countries in the private and non-profit sectors. She also serves on the boards of the Human Rights Working Group and Gender Policy Working Group at SIPA.



#### *Fatema Alhashemi*

Fatema Alhashemi is a current dual degree graduate student earning an MA in the Quantitative Methods in the Social Sciences and an MPA in Development Practice. She has extensive experience in Middle East and North Africa policy research, having worked for the Brookings Institution, the Middle East Institute, the Arab Barometer Project, the Stimson Center, American University, and Columbia University. Her most recent paper on resource regionalism in the MENA region was published by the Brookings Institution.



#### *Fatène Ben-Hamza*

Fatène Ben-Hamza is a first-year student in the MPA-DP program at Columbia University's School of International and Public Affairs. Prior to joining the program, Fatène served as a program manager at the Drosos Foundation in both Morocco and Tunisia. She was also the COO of Cogite, a Tunisian social enterprise providing services to entrepreneurs. She started her career in advertising working for J. Walter Thomson as a strategic planner. She also co-founded Afkar (afkar.tn), a think tank that aims to define implementable solutions to public policy issues in Tunisia. Fatène has been co-organizing and curating TEDxCarthage in Tunisia ever since.

# YEUBI

Devina Srivastava, Samantha Chan

## ABSTRACT

Human trafficking is a multi-faceted, large, dynamic and complex issue due to its close linkage to other development issues including poverty, migration, discrimination, war, and famine. Its effects are widespread with public health, social and economic implications. Yeoubi aims to implement a technology platform that is a multi-level, cross-sectional approach with data-driven and contextual solutions to build capacity of local communities. Yeoubi will be first launched in Kolkata, India as a pilot to address CSEC, before scaling it across India and the globe. Yeoubi is developed as an open technology platform, providing information on CSEC and equips individuals to take action on the impending challenge. Building a platform ensures that the solution adopts a systemic perspective to solving the challenge of CSEC. It can be adapted across different stakeholders in the ecosystem, capturing dynamics and linkages. There is a large number of efforts across the public, private and civil society sectors in this space. Hence, it is quintessential to catalyze the existing ecosystem to join the mission. While Yeoubi is developed focusing on the West Bengal context, it is built for scale. At the core, the platform aims to distribute the ability to create solutions, instead of distributing fixed solutions. This empowers the ecosystem to collaborate and resolve the issue. Platform thinking captures scale, establishes speed and ensures sustainability. To embed these characteristics, Yeoubi will collaborate closely with government agencies, police forces, local NGOs and civil society organizations.

## PROFILES



### *Devina Srivastava*

Devina Srivastava brings extensive experience at the grassroots and strategy levels. At her most recent role at Societal Platform, she worked on developing inclusive national policies, and abstracting learning's and best practices to design methods to resolve sustainable development challenges, by studying and working on large programs including Aadhaar (UIDAI). She has been a serial social entrepreneur and worked extensively in the spaces of inclusion, innovation and technology for development. At SIPA, she is pursuing an MPA-DP with a focus on humanitarian policy, while specializing in management, conflict resolution and ICT. Through the program, she aims to study the intersections between humanitarian assistance, social inclusion and data for development.



### *Samantha Chan*

Samantha Chan is a first-year MPA-DP student originally from California with a background in communication and marketing in the nonprofit sector. She first interned at an NGO that focused on ending malnutrition for women and children in developing countries. Following graduation, Samantha worked in Kolkata, India with International Justice Mission which focused on ending impunity of sex trafficking crimes against minor women. As a communications consultant, Samantha helped further the mission of anti-trafficking work through various media platforms by engaging donors and expanding audiences through media and storytelling. Now a graduate student, Samantha hopes to expand on this skillset to further the reach of women's rights and social inclusion.

# FUNDAÇÃO GETULIO VÁRGAS (FGV)

ESCOLA DE ADMINISTRAÇÃO DE EMPRESAS  
DE SÃO PAULO

## +WOMEN

Ana María Niño Ardila, Rafael F. de Oliveira, Thomas Benson

### ABSTRACT

Deconstructing gender stereotypes is the first step towards equitable relations. Closing the gender gap in the world is not only just in essence but it can also improve the world's economy, as studies suggest, by boosting net margins, creativity and innovation as well as contributing with USD 12 trillion in world GDP by 2025. Despite the numerous initiatives to diminish the Gender Gap, change won't happen fast enough unless the problem is addressed in all of its complexity. +Women is an international seal granted to companies and governments who enroll more women in leadership positions, creating role models and bringing down more gender barriers, leading to a virtuous circle of gender gap reduction. Through the creation of a fund managed by EPIC, NGOs and private agencies will be backed to offer high level personnel training to signatories, with material progress being monitored by certification institutes who grant the +Women.

### PROFILES



#### *Ana María Niño Ardila*

Ana María Niño Ardila is currently pursuing a master's degree in management and public policy at the Getúlio Vargas University. She served as a legal and procurement consultant for the business and public procurement areas of the Colombian Government for the last four years. In this role, she worked to strengthen the anti-corruption policy of the country by participating in the planning and identification of priority national projects in various sectors of the economy to structure national level contracts that would use government e-procurement tools, thus reducing current levels of corruption in public procurement by making purchases visible and transparent.

Ms. Niño Ardila, had the opportunity to work with governments from different countries and with foreign investors in public e-procurement development programs in Colombia. In these projects, she coordinated inter institutional participation with the Ministries of Education, IT, Defense, Agriculture and Commerce on the processes of structuring and implementing public policies for transparency in Colombian public procurement system.



#### *Rafael F. de Oliveira*

Rafael F. de Oliveira has more than ten years of experience in Corporate Affairs, particularly Government Relations and International Trade, currently working in one of the largest global petrochemical companies. With a background in International Relations and Business Economics, is currently finishing a Masters' Program in Public Policy and Management.



#### *Thomas Benson*

Thomas Benson is a first year MPGPP student from São Paulo, Brazil. Before studying in FGV, he earned a Bachelor's degree in Political Science from University of São Carlos and has a specialisation in Design Thinking from IED São Paulo. Having previous experience in the academic world and the financial market, he currently applies theory to change how global businesses see and interact with contemporary society, promoting modern values. Benson hopes to advance his studies and skills in public policy management, taking the next step into government action, improving public programs and policies. He aspires to start his own enterprise to act directly with governments and global organisations to promote best practices in gender, racial, education and drug policies.



## EAT FOOD

Carolina Uehara Senna, Marcela Alonso Ferreira, Leon Norking Rangel,  
Nick Buck

### ABSTRACT

EAT (Easy Access To) • Food policy aims to promote access to nutritious food in cities, tackling a recurrent problem in urban areas of both rich and poor countries. The reduced availability of fresh produce retail in peripheral neighborhoods mostly affects the health of low-income families—a situation that is only worsened by the increasing consumption of cheap, highly-processed and unhealthy foods. Besides physical and financial access difficulties, the hectic routine of citizens is often incompatible with shopping in regular street markets, which take place in the morning and mostly during weekdays. At the same time, 30% of all food produced gets wasted. As such, EAT • Food is an urban food policy framework that offers hands-on solutions to these challenges, addressing SDGs 2, 3 and 12. Thus, this policy encompasses the promotion of five strategies, addressing physical accessibility, financial support, and reduced food waste: (i) produce on the way: implementing small stands in strategic urban transport hubs will allow easy access to fresh food. (ii) late local market: farmers' markets held during the evenings in highly-populated regions will also enable access to locally harvested vegetables and fruits and other products, through the engagement of local entrepreneurs; (iii) eat-food credit: subsidies for purchasing fresh produce will be granted to vulnerable citizens registered in social programs, thus guaranteeing no one is left behind. (iv) one-of-a-kind veggies: fostering the retail of perfectly consumable but unusually-shaped vegetables and fruits—which would otherwise be discarded—, promoting access to affordable produce to all citizens, specially low-income groups; (v) too good to let go: collecting edible produce not sold in regular street markets for donation to vulnerable citizens or food processing. The EAT • Food framework can be implemented by local governments all over the world, because cities may emphasize or combine strategies according to their specific contexts. The pilot project will be implemented in São Paulo, Brazil.

### PROFILES



#### *Carolina Uehara Senna*

Carolina Uehara Senna is a 33-year-old Brazilian born in Buenos Aires, Argentina. She graduated from the University of São Paulo in 2011, with a bachelor's degree in Public Policy and Management. During those college years, Carolina conducted research under the guidance of professor Wagner Mancuso Pralon, Brazil's major specialist on lobbying. Since then, she has been working at the Faith and Joy Foundation, an international civil society organization that focuses on children's human rights. She coordinates the Public Policy and Advocacy area at the national headquarters in Brazil, overseeing a broad number of issues such as right to education, children welfare and community ties, peace culture and, most recently, humanitarian aid to Venezuelan migrants. She wrote and is currently coordinating a project that has been praised by the United Nations as the best experience of Brazil in terms of sheltering Venezuelan migrants and ensuring their social inclusion in São Paulo. She is also currently enrolled in the Public Policy and Management master's program at Getulio Vargas Foundation, where she aspires to broaden her knowledge and sharpen her skills to effectively tackle complex policy challenges in Brazil and abroad.



#### *Marcela Alonso Ferreira*

Marcela Alonso Ferreira is 29 years old and was born and raised in São Paulo, Brazil. Graduated in Architecture and Urbanism from the University of São Paulo, she is currently a MSc candidate in Public Policy and Management at Getulio Vargas Foundation. She works as a consultant for the World Bank and Cities Alliance, as a researcher for the Lincoln Institute of Land Policy and projects coordinator at Urbem Institute. She has previously worked as technical advisor at the Secretariat of Urban Development in the City Hall of São Paulo, where she was co-responsible for the Grand Prize-winning proposal for Bloomberg Philanthropies' Mayors Challenge LAC competition. Previously, she has also worked as an architect and urban planner in practices in Brazil, USA, and the Netherlands. She is dedicated to the field of urban studies, working with urban policy, land-use and infrastructure planning, urban food policy, and metropolitan governance.





### *Leon Norking Rangel*

Leon is a 28-year-old Brazilian/Danish who currently lives and works in São Paulo. Graduated in International Relations from the University of São Paulo, he dedicated his earlier academic years to study Human Rights and Conflicts. After a period studying Social Sciences at the University of Copenhagen, he returned to Brazil to finish his BA and work with Science & Innovation policies at the Danish Consulate General and the Innovation Centre Denmark. Since 2014, he has been working as a project manager at Concordia Public Affairs Strategies, a government relations and public policy consultancy. He coordinates the infrastructure and agribusiness team, carrying out political analysis, development of lobbying and political risk mitigation strategies, policy briefings and direct government engagements. The great impact both sectors have in the environment drove him to the Getúlio Vargas Foundation's MPP, where he seeks to find and develop solutions to promote sustainable development in these areas. Toward this goal, he recently joined a FGV research group about eco-innovation to analyze comparative developing countries' initiatives.



### *Nick Buck*

Nick is a 36-year-old Brazilian/German who currently lives and works in São Paulo. Graduated in Biology from the UNESP- University of the State of São Paulo, he dedicated his last 14 years in teaching biology in schools and pre-university courses.

In 2012 he did an MBA in Environmental Management for two years in the University of São Paulo- ESALQ and since 2017 he has been doing his master in Sustainable Management at Getúlio Vargas Foundation where he seeks to find new areas to work on, specially those who have great impact in promoting sustainable solutions in poor countries.

**GRADUATE  
SCHOOL OF  
PUBLIC POLICY  
(GraSPP)**

THE UNIVERSITY OF TOKYO

# A DOMESTIC AND INTERNATIONAL ANALYSIS OF HPV VACCINE IMPLEMENTATION AND DEVELOPMENT

Elise Robert, Haruka Onishi, Tsubasa Kenneth Kaneko, Yasuyoshi Sato, You Won Seong

## ABSTRACT

The questions surrounding vaccine implementation are often somewhat forgotten despite it being a problem that affects both the developed and developing world alike. The sheer amount of wealth or knowledge in a country is not sufficient in keeping its residents healthy, independent of efforts that make healthcare not just financially but also emotionally or instinctively accessible. Our proposal, Vaccine Café aims to provide a place that connects healthcare professionals with the citizens. Our idea is to combine the strengths of the different information sources that are currently available in order to create a new space where people can access information about vaccine that would be accurate, interactive and accessible. That space, as we imagined it, would take the form as a hybrid between a café and a clinic. It would have the accessibility and interactiveness of a café, while having the accuracy and the medical resources of a clinic. Vaccine Café will be a free space for communication and education about vaccination.

## PROFILES



*Elise Robert*

Elise was born and raised in France. She is currently a second-year graduate student in the Graduate School of Public Policy at the University of Tokyo where her main area of focus is International Relations. Before that, she studied for three years in Canada and was awarded a bachelor's degree in international studies in 2017 from the University of Montreal. In 2016, she studied abroad in Japan for the first time where she learnt to speak Japanese and developed a strong interest for Japanese culture and Japanese society. After she graduates, she wants to stay in Japan and work in International Affairs. Elise speaks French, English and Japanese.



*Haruka Onishi*

Haruka Onishi received bachelor's degree from the University of Melbourne with major in International Politics and Asian studies, and is currently pursuing her master's degree in Public Policy at the University of Tokyo. During undergraduate degree, she focused on education policies and has partook in various internships and volunteering activities in relation to education. Towards the last year in undergraduate degree she grew interest in public health, and gained interest in healthcare policies. With particular interest in the role education plays in public health, she currently interns at public affairs consulting firm focusing on healthcare industry.



*Tsubasa Kenneth Kaneko*

Tsubasa Kenneth Kaneko's first encounter with policy making came at the Model United Nations conference he helped organise while an undergraduate student. Surrounded by those studying politics and law, the science student and aspiring Nurse recognised the necessity for Healthcare Professionals and researchers alike, to receive information regarding how applications regarding our technologies and practices are determined at the policy level. Today, as a Registered Nurse and a student enrolled in the Graduate School of Public Policy at the University of Tokyo, he holds a strong interest in promoting personal aspects of healthcare and pursues emerging technology governance. After finishing his studies, he hopes to spend time in the tech industry as a policy advisor, and eventually find his way back to healthcare to help apply innovative technologies to communities in need.



*Yasuyoshi Sato*

Yasuyoshi Sato is a doctoral course student of Graduate school of Medicine, The University of Tokyo. He is also a Medical Oncologist (board certificated by JSMO, Japanese Society of Medical Oncology). He is currently working on researches of immuno-oncology, too. You can reach him at [yasuyoshi\\_s@hotmail.com](mailto:yasuyoshi_s@hotmail.com)



*You Won Seong*

You Won Seong is a first year MPP/IP student with CAMPUS Asia Program at the University of Tokyo. He holds a BHSc from Western University of Canada in Health Science and East Asia Studies. His interest lies in healthcare, aging, and medicine particularly focused on contemporary East Asian societies. Previously, he did medical internship at Genomic Medicine Institute of Korea and research on Long QT Syndrome at the University Hospital, Western University of Canada. He aspires to specialize in the areas of healthcare system and services in East Asia with cultural, social, and medical perspectives.

# ENSURE THE MOBILITY OF WHEELCHAIR USERS IN SOCIETIES

Gagan Bahadur BK, Kenta Tsuchiya, Miao Yang, Tula Raj Sunuwar, Ying Xia

## ABSTRACT

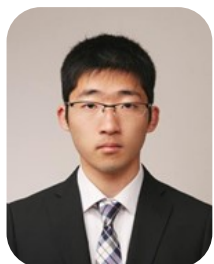
Wheelfree is an app that aims to provide free ride for wheelchair users, with two main functions: information sharing & free rides. The information sharing function provides detailed and comprehensive information about different locations in the city, focusing on whether local infrastructures or facilities are wheelchair users friendly, based on the comments given by other disabled people who have been there before. This function would help plan wheelchair users' optimum travel routes and facilitate their mobility during the trip. Furthermore, the free rides function helps to match ordinary drivers and wheelchair user together based on their living areas and personal traveling needs, with the goal to encourage ordinary drivers to offer free shared-ride services for wheelchair users. Rather than only increase wheelchair users' mobility, this app strives to establish a social platform that connects different stakeholders, and meanwhile raises the public awareness of creating a more sustainable and inclusive community for the disabled population.

## PROFILES



*Gagan Bahadur BK*

Gagan Bahadur B K is a Master of Public Policy (International Program) student at the Graduate School of Public Policy (GraSPP), the University of Tokyo (UTokyo) under the Joint Japan/World Bank Graduate Scholarship Program (JJ/WBGSP). His interest areas are Public policy and Local development. He has more than 15 years employment records in various departments of the Government of Nepal.



*Kenta Tsuchiya*

Kenta Tsuchiya is studying for his Master's degree in Public Policy at the University of Tokyo. His research focuses on the policy for science/technology and energy. He is going to start his career in space industry from April 2019. Prior to GraSPP, he obtained his Bachelor's degree in International Relations at Saitama University. He had the experience of studying in University of Wyoming through the exchange program in Global Youth.



*Miao Yang*

Miao Yang was born and raised in China until high school. She graduated from Emory University in the United States with double majors in International Relations and Economics. During her undergraduate years, Miao had done several internships in different institutions, including the Embassy of Afghanistan in Tokyo, National Committee on U.S.-China Relations and etc. Miao is currently studying at the Graduate School of Public Policy in the University of Tokyo. Her research interest focuses on the Sino-Japan relations and international development.



### *Tula Raj Sunuwar*

Tula Raj Sunuwar (Nepal) is studying his master degree in Public Policy at the Graduate School of Public Policy (GraSPP) in the University of Tokyo. He also holds a master degree in Sociology from the Tribhuvan University, Nepal. While he is currently on study leave, Tula has been serving the Government of Nepal for about seven years in the field of public policy and good governance. His professional expertise lies in the areas of gender equality, social inclusion, nature conservation, participative integrated planning process, and policy formulation. He is fully committed to promoting good governance and strengthening citizen-centric development.



### *Ying Xia*

Ying Xia is a first-year Master's student at the Graduate School of Public Policy, the University of Tokyo. She was born and grew up in China and studied in Wuhan University of China where her undergraduate major was social security and her first master degree was accounting. She is now a civil servant of the National Audit Office of China. She is interested in social security, especially medical security. Her recent research focuses on the comparison of China's and Japan's health insurance systems.

# MAKE HASTE, NOT WASTE: AN INTEGRATED APPROACH TO MUNICIPAL SOLID WASTE MANAGEMENT IN KIBERA, KENYA

Brendan Tan, Gabriel Lei Kai Ching, Kevin Lin Jui Hung, Koay XinYi

## ABSTRACT

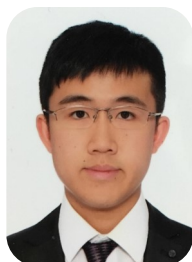
Approximately 1 in 8 people worldwide live in slums that are characterized by a severe lack of hygiene and basic health care. Upgrading these settlements is of utmost priority, as outlined in SDG 11.1 and 11.6. In this project, we focus on Kibera, a slum in Nairobi, Kenya. Kibera has a serious waste management problem as its residents rely on illegal waste disposal and burning due to ignorance, lack of equipment, lack of cooperation and a lack of funds. Our project consists of an integrated approach that utilizes community-based mapping and participatory planning to tap into local knowledge and involve the community in waste management. By providing convenient waste collection points and monetary incentives, coupled with education on recycling, we seek to empower the community to reduce illegal waste disposal. By partnering with a waste-to-energy plant that is already under construction in the community, we also seek to 'close the loop', ensuring our project is truly sustainable, both environmentally and financially.

## PROFILES



### *Brendan Tan*

Brendan Tan is a dual degree MPA/MPP candidate at Columbia University and University of Tokyo. He holds a B.A. degree in Geography from the University of Cambridge. Throughout his studies, he has cultivated a particular interest in social policy and urban planning, and hopes to work for the government in Singapore after graduation. He is also interested in the intersection between technology and public policy.



### *Gabriel Lei Kai Ching*

Gabriel Lei is a first year Master's student at the University of Tokyo's Graduate School of Public Policy. His current studies focus on the political economy and geopolitics of East Asia. Born and grew up in Hong Kong, he developed a deep passion in studying the spatial politics of the city, in particular, the practices of citizenship and collective action on the competition of political discourses imprinted in colonial heritage. Gabriel also holds a B.A. from the University of Cambridge where he read Geography, specializing in urban and political geography, and postcolonial studies.



### *Kevin Lin Jui Hung*

Kevin Lin is a double degree student between Columbia SIPA and the UTokyo GraSPP. He has experience in government and non-profit organizations in education, international development, and arts. Mr. Lin is aspired to work in development agencies in the future. In the meantime, with a Bachelor's degree in language and literature, he is very interested in the visual and performing arts scenes across the globe. Mr. Lin is also passionate about promoting cultural exchanges between east and west cultures.



*Koay XinYi*

Koay XinYi is a first-year MPP/IP student from Singapore. Prior to entering the University of Tokyo, she spent three years reading Law at University College London. During the second year of her undergraduate studies, she interned at the Centre for Liveable Cities in Singapore. She was a researcher for a joint publication between the Centre and the Seoul Institute on citizenship participation initiatives in planning and development processes. This experience sparked her interest in the sustainable development of cities. She is currently serving as a conference coordinator for the annual International Development Youth Forum.



# VOICE FOR JUSTICE: A SOLUTION FOR EQUAL ACCESS TO JUSTICE AND FAIR TRIAL FOR ALL

Goong Hong Tan, Joanna Dutra Camara, Momori Hirabayashi, Ritu Poudyal

## ABSTRACT

Excessive and arbitrary use of pretrial detention is a serious problem worldwide and is a major obstacle to achieving SDG16 of Promoting Just, Peaceful and Inclusive Societies. There is often a lack of governmental resources allocated to the protection of pretrial detainees, as well as a lack of awareness of the problem. Voice For Justice is an online platform that aims to address this lack of awareness as well as harness the potential of civil society and provide aid and assistance to detainees. The platform has five primary functions: (1) Provider of information on legal rights. (2) Law firm matching system. (3) Communication platform. (4) Database provider. (5) Crowdfunding and Media platform.

## PROFILES



### *Goong Hong Tan*

Goong Hong Tan is a graduate student at the University of Tokyo's Graduate School of Public Policy and is pursuing a Masters in Public Policy. He holds a Bachelor of Arts in Philosophy, Politics and Economics from the University of Oxford. His academic interest is in Economics, and his policy interest lies in Development Economics. He has been awarded the Public Service Commission scholarship by the Government of Singapore and is pursuing a career in the civil service.



### *Joanna Dutra Camara*

Joanna Dutra Camara was born in Rio de Janeiro, Brazil. She holds an undergraduate degree in International Relations from LaSalle University in Rio de Janeiro. She has been living in Tokyo since 2016 as a Japanese Ministry of Education, Culture, Sports, Science and Technology (MEXT) scholar, under the 国費外国人留学生制度 scholarship. Joanna is currently pursuing her master's degree in Public Policy in the Graduate School of Public Policy of The University of Tokyo where she is focusing on international security implications of the increase in right wing populist governments around the world. Previously, she has worked for the Undersecretariat for International Relations of the State of Rio de Janeiro assisting in the demands of the Undersecretary of International Relations and the Advisors of International Cooperation, Foreign Finance, Foreign Trade and Investments and Institutional Relations. Joanna currently holds a position in Japan's Broadcasting Corporation NHK as a News Announcer and Translator.



### *Momori Hirabayashi*

Momori is currently in her first year of master's, studying public policy at The University of Tokyo. With her background in investment banking and consulting, she's passionate about financial technology and specifically interested in regulations around cryptocurrencies and blockchain. Outside of her studies, she is strongly devoted to the women's empowerment movement in Japan.



### *Ritu Poudyal*

Ritu Poudyal (Kathmandu, Nepal) is a second year student at the Graduate School of Public Policy in the University of Tokyo, Japan. After completing her Bachelor degree in International Relations and Peace Studies, she is currently pursuing her Masters degree in Public Management and International Relations. Following her passion in community service, she has been involved in various community development, disaster relief, fundraising and volunteer works in Japan and Nepal. Utilizing her experiences, in the future, Ritu hopes to build a platform to educate children and empower women in the society.

**HERTIE  
SCHOOL OF  
GOVERNANCE**

# FORMAZIONE FACILE

Andrea Zorretto, Christian Davepon, Tim Stadtaus

## ABSTRACT

Among advanced economies, Italy has the highest Gini coefficient after the US and the UK. The gap between North and South is arguably the largest regional divide in Europe. Inequality is driven by a lack of higher education: 50% of central Milan's inhabitants are university graduates, whilst just a few kilometres away the share of graduates lies below 10%. The situation is even worse in southern Italy. However, there is no central platform providing exhaustive information on university courses, fees, cost of living and funding opportunities. "Formazione Facile" is designed to solve this problem. Our website will guide students through the process of selecting and applying for university. It answers all questions aspiring students might have: why it pays off to pursue a degree, what to study and where, how to apply and get funding, a checklist for the first day at university. As the platform gathers data on students, it will use AI to provide individualized information to each user.

Making access to education more equitable has wide-ranging effects: improving health, making cities more socially cohesive and sustainable and society as a whole more just. Thus Formazione Facile will directly impact SDGs 11, 16 and 3. People with a degree have a higher life expectancy, are less likely to commit a crime and are more conscious about politics, civic life and the environment.

## PROFILES



*Andrea Zorretto*

Andrea Zorretto has worked in the past as a policy advisor at the UK Treasury in London and as a digital policy advisor for Paris' Public Hospital Network. Now he is Managing Partner for Italy for Plug and Play, the world's largest innovation platform, whilst completing his Double Degree between Sciences Po and the Hertie School of Governance.



*Christian Davepon*

Christian Davepon holds a B.A. in Philosophy & Economics from Bayreuth University, Germany. After graduation he moved to Berlin in order to co-found a company working on online-participation in the public sector. He is currently enrolled in a Dual Degree Program at Sciences Po Paris and Hertie School of Governance/Berlin. Over the years of study that equally brought him to Université Catholique de Lille/France and Tel Aviv University/Israel, Christian developed special interest in public policy in a technology driven world, with a focus on both, negative aspects of digitization but also its potential for a better living together.



*Tim Stadtaus*

Tim Stadtaus is a Master of Public Policy Candidate at the Hertie School of Governance in Berlin. Prior to joining Hertie School Tim studied Philosophy and Economics in Frankfurt and Buenos Aires where he focused on collective action problems such as climate change. After completing his Bachelor's Degree Tim worked as a consultant in banking regulation. Off campus Tim helps to organise debating workshops for underprivileged children across Germany.

# HANDYHELP

Andrés Ponce, Benjamin West, Madison Wilson, Mufaddal Tambawala, William Lott

## ABSTRACT

Our goal is to address the problem of preventable deaths attributable to lack of first aid knowledge. According to one study, 4.7 million people die annually from intentional and unintentional injuries. The main factors that contribute to preventable deaths are 1) general lack of knowledge and confidence to administer first aid, 2) insufficient emergency services, and 3) the long wait time for emergency medical services. Our app, HandyHelp, addresses these three critical elements. By providing users with easy-to-follow videos and information on first aid using a voice-controlled interaction system, it reduces the burden on untrained and/or low-literacy users seeking to help in times of critical need. The app also incorporates location services that notify the nearest emergency services of the user's exact location to reduce the time to reach the victim. Furthermore, the app seeks to take advantage of the increasing popularity of smartphones worldwide and the cheap cost of high-speed mobile data. Overall, HandyHelp's goal is to equip bystanders with the knowledge and confidence to administer life-saving measures in situ and better connect victims of accidents of all kinds to appropriate medical services in order to save lives.

## PROFILES



### *Andrés Ponce*

Andrés Ponce holds a Bachelor in Public Administration from Universidad Valparaíso de Chile and a diploma in Administrative Law from Pontificia Universidad Católica de Valparaíso. Since 2017 he has been studying Public Policy at the Hertie School of Governance in Berlin, with a focus on policy analysis. Prior, Andrés served as an examinee prosecutor at the General Comptroller of the Republic in Chile, where he conducted investigations in a wide array of public institutions. He is currently working as a research assistant at the Hertie School in a joint project with the Bertelsmann Foundation about local public finance in Europe. Andrés is especially interested in subnational level governance, and how digital transformation and technologies can help improve service provision.



### *Benjamin West*

Before joining the team, Ben West was active for three years in research and development advisory firms in Afghanistan and Iraq, promoting best practices in monitoring and evaluation and impact assessments for development projects. Since leaving Afghanistan, he has started a master's degree of public policy at the Hertie School of Governance, where he specializes in policy analysis. Prior to this, he studied political science and French at the University of Oregon, where he graduated with a BA in 2013.



### *Madison Wilson*

Madison Wilson, 24, is from Hampstead, Maryland USA and received a bachelor's degree in Political Science and German from Augustana University in Sioux Falls, South Dakota. Her interests include development, human rights studies, and international law. She is currently pursuing a master's degree in International Affairs from the Hertie School of Governance and working as a fellow for "Elected Officials to Protect America" -- a group dedicated to stopping the harmful effects of climate change. After obtaining her degree, her goal is to return to the United States and take a position influencing policy at a local level.



### *Mufaddal Tambawala*

Mufaddal Tambawala is a DAAD Helmut Schmidt scholar currently pursuing his Masters in Public Policy with a focus on policy analysis at the Hertie School of Governance. He moved to Berlin in April 2017 from Karachi Pakistan to learn German and eventually join Hertie. In Karachi he was working as a digital consultant where he worked on projects to digitize and optimize the local provincial government's Women's Development Department and help set up an online and telephonic complaint management center. He also has experience in HR business partnering and helped transition his company's HR department into a strategic partner for the business. He has a Bachelor's (Hons) degree in Economics from the Lahore University of Management Sciences in Pakistan. In Berlin he has interned with Endeva and worked on a proof of concept to test the feasibility of using drones to deliver emergency medical goods to remote places in Nigeria and also helped redesign the company's performance management system. He is passionate about topics of Sustainable Development especially those pertaining to climate change and environmental preservation and all things related to comedy, theater and physical fitness.



### *William Lott*

William Lott is a graduate student at the Hertie School of Governance pursuing his Master in Public Policy with a concentration in Policy Analysis. Previously, he worked as a campaign organizer for Hilary Clinton during the 2016 presidential election in which he directed voter registration drives and other get-out-the-vote initiatives. He also worked as a campaign organizer for an environmental nonprofit in Florida where he advocated for the protection of key environmental policies, such as the Clean Air Act. In his work, Turner seeks to amplify the public's interest to improve public policy. He holds a BA from Duke University in Public Policy and Arabic.

# PROJECT NEAT (NEW ELECTRONIC ASSISTANCE TRANSFERS)

Alexander Russman, Allison Koh, Andrea Giuliani, Yuan Ting Lee

## ABSTRACT

Project NEAT aims to build on a technical solution that addresses the issue of food poverty and access to fresh produce. In 2016, around 815 million people, or 10.7% of the world's population, were considered to be in food poverty. This complex issue includes the lack of access to healthy food due to geographical and economic barriers. In the United States, food stamps for low-income recipients were phased out in the early 2000s and replaced with Electronic Benefit Transfer (EBT) systems, which directly transfers funds to be used at supermarkets and other food providers. While this system has proven effective at promoting the purchase of healthier food, equipment costs have held back the spread of this technology. Our solution to this shortcoming leverages existing mobile and blockchain technology using a platform that distributes vouchers in a manner that utilises a set of tools that include secure smart wallets and scaling solutions for high transaction volumes. It addresses key challenges identified by the United Nations' Sustainable Development Goal 12: Ensuring sustainable consumption and production patterns.

## PROFILES



### Alexander Russman

Alexander Russman is a graduate student at Hertie School of Governance pursuing a Master's in Public Policy with a concentration in Public Management. Originally from London, he holds a Bachelor's in History from the University of Oxford. Following graduation, Alexander joined the professional services and consultancy firm Accenture where he received promotion after 18 months for work on both large- and small-scale projects for telecommunications and media industries. Prior to joining Hertie, he managed and consulted for the education sector in Vietnam for two years. Alexander's interest topics include digital transformation strategy and practical application of blockchain technologies.



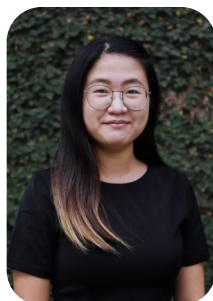
### Allison Koh

Allison Koh is a Master of Public Policy (MPP) student at the Hertie School of Governance and works as a Research Assistant for the Institutions and Political Inequality group at the WZB Social Science Research Center in Berlin. Previously, she graduated from Tulane University with a BSc in Economics and served as a Fulbright English Teaching Assistant in Malaysia. She has extensive experience in China and the Asia-Pacific region, and most recently worked for the Asia-Pacific Regional Director's Office at Open Society Foundations in New York before moving to Berlin.



### Andrea Giuliani

Andrea Giuliani is a student at the Hertie School of Governance, where he is completing a master in public policy. He graduated in 2015 from Liceo Classico T. Mamiani in Pesaro, Italy, and he pursued his bachelor studies in Germany at Jacobs University majoring in international relations and minoring in economics. During his studies, Andrea Giuliani worked as teaching assistant for different professors and he completed two internships at the Permanent Diplomatic Mission of San Marino at the United Nations Office at Geneva. He is currently working as student assistant for the Portfolio Management Program at ESMT. His interests are quantitative methods analysis, social and welfare state policies and migration. In his free time, he enjoys sailing, karate and scuba diving.



### *Yuan Ting Lee*

Yuan Ting Lee is a Master of Public Policy (MPP) student at the Hertie School of Governance and works as a Research Assistant for the Applied Sustainability Science working group at the Mercator Research Institute on Global Commons and Climate Change (MCC) in Berlin. She also has experience in the public sector, having worked for the Ministry of Foreign Affairs and Ministry of Transport in Singapore. Previously, she graduated from Imperial College London with a BSc in Chemistry.



# RESCUE GAZELLES

Fabian Masarwa, Julius Kerkhoff, Louis Jarvers, Subiksha Natarajan

## ABSTRACT

Eight minutes is the crucial timespan in which a death from a cardiac arrest or other critical emergencies can most likely be avoided. In cities worldwide, due to traffic jams and a lack of paramedics, people in both, developing and developed countries, die on a daily basis because ambulances arrive too late. "Rescue Gazelles" aims to tackle this life-threatening problem by improving the coverage of first responders with a simple, sustainable and cost-efficient approach. Medically qualified volunteers, connected through our app to emergency centers and cooperation partners, rapidly react to nearby emergencies until professional medics arrive. With Rescue Gazelles' profound incentive structure, we further promote citizen engagement and enhance our network to respond to every critical emergency and build a safer community. Our solution tackles Sustainable Development Goals from diverse topics such as Health, Sustainability, Green Energy, and the Improvement and Inclusivity of communities. Thus, with Rescue Gazelles, cities around the world become safer, greener and more inclusive.

## PROFILES



### *Fabian Masarwa*

Fabian Masarwa (\*1993) is a Politics and Law graduate from Munster University, where he focused his study on labour policy. During that time he became leader of the student union, representing interests of 45.000 students and managing the organization of 20 employees. Before starting his MPP at the Hertie School of Governance, he worked for the German Trade Union Federation, organizing its fourth-annual Policy Conference. He is now placing a focus on digital policy as a Policy Officer for the Berlin-based think tank "D64 - Centre for digital progress". In his spare time, Fabian is a big fan of football, plays Darts and is keen in finding new Hip Hop artists.



### *Julius Kerkhoff*

Julius Kerkhoff (\*1993) graduated from the university of Freiburg with a bachelor's degree in Politics and Economics. Prior to the commencement of his Master of International Affairs at the Hertie School of Governance, he completed two internships at the German Chambers of Industry and Commerce in Chicago and Singapore. There he gained professional experience in political and economic relations, insight into multiple industries and organized delegation visits and conferences. His academic focus lies on the work of international organizations, energy policy and the influence of extremist groups on political processes. As an enthusiastic European, he recently completed a self-organized project called "2Europeans.eu", travelling the lesser known parts of the European Union and discussing opinions about the EU. In his role as a member of the grassroots-think tank Polis 180, he works at the program sectors on transatlantic relations and international security. In his free time, Julius enjoys thai boxing, flag football and volunteers at the German Federal Agency for Technical Relief (THW).



### *Louis Jarvers*

Louis Jarvers (\*1995) is a "Politics, Philosophy, and Economics" graduate from Witten/Herdecke University, where he focussed on the intersection of management, public administration, and digital transformation. Before commencing his Master of Public Policy at the Hertie School of Governance, he worked as managing director to Germany's largest private study fund, holding responsibility for EUR 20M assets and over 3,000 students under loan. Guided by his current work on domestic and cyber-security in the German Parliament, Louis is intrigued to understand and unleash the good of digital transformation for the public sector – focussing on security, health care, and economic policy. In his free time, Louis commits himself to election campaigns and internet politics at the Green Party, runs a charity organisation for a Euro-African UNESCO school in Tanzania, where previously served as a project manager, and enjoys soccer, ballroom dancing, and chess. More information on [www.louisjarvers.de](http://www.louisjarvers.de)





### *Subiksha Natarajan*

Subiksha Natarajan holds a Bachelors of Economics from Stella Maris College, India and a Post Graduate Diploma in International Business Operations from the Indira Gandhi National Open University, India. She is currently studying Public Policy at the Hertie School with a specialization in Management and Leadership. In the past, she worked with McKinsey & Company as a Research Analyst, focusing on enabling clients in Asia, the Middle East and Australia to drive transformational change in the public, private and social sector. She also interned with Ernst & Young LLP, as a result of her selection as the awardee of the “Ernst & Young Scholarship” for Young Future Leaders. Subiksha is also the founder of Prayatna, a non-profit in India which strives to provide vocational therapy and employment to mentally challenged destitute adults.

# **LEE KUAN YEW SCHOOL OF PUBLIC POLICY**

NATIONAL UNIVERSITY OF SINGAPORE

# G1: ONE LIFE, ONE PLANET

Naga Trinadh Burra, Piyush Gupta

## ABSTRACT

More than half of the world's population lives in urban areas. This number is expected to reach 6.5 billion by 2050. More people are migrating towards cities in search of better livelihood options. The cities only occupy 3% of the earth's land but consume 60 to 80% of energy and releases 75% of carbon emissions.

According to United Nations Development Programme, 1.2 billion jobs depend on healthy and stable environment. We need jobs, which reduce the impact of enterprises and minimize all kind of waste and pollution. There is a need to create jobs which preserve, restore and enhance the quality of environment. We need "Green Jobs".

We emphasize the importance of having to protect our one planet for humans through creation of Green Jobs and thereby giving life to both community and planet Earth, simply put "G 1".

## PROFILES



*Naga Trinadh Burra*

Naga Trinadh Burra hails from Visakhapatnam, India. He finished his Post-Graduation in Rural Management from IRMA, Gujarat. He has close to 8 years of work experience in the development sector (child protection, sanitation, skill training, migration, agriculture). Currently, he is studying Master in Public Policy at the Lee Kuan Yew School of Public Policy. Prior coming to the school he practiced farming and helped set up farmer co-operatives across villages in Andhra Pradesh, India.



*Piyush Gupta*

Piyush Gupta is an Asian Development Bank Scholar pursuing Master in Public Policy programme at the Lee Kuan Yew School of Public Policy. An engineer by training, he worked as a teacher in a municipal school in New Delhi. His interest lies in frontier technologies, smart cities, IR 4.0 and education. He aspires to take new technologies to the villages in India for creating sustainable livelihoods.

# GAME-BASED APPROACH TO EDUCATE CHILDREN ABOUT SAFE AND UNSAFE TOUCH

Ammara Shabir, Anjali Shivananda, Palak Rawal

## ABSTRACT

This project aims to educate young children about safe and unsafe touch by using a 6 stages card game. It can further help in building their capacity and willingness to report incidence of Child Sexual Abuse in past or future to a trusted adult. With such measures, we expect children to receive support at an earlier stage, thereby preventing them from the harmful mental and physical health consequences of CSA.

## PROFILES



*Ammara Shabir*

Ammara Shabbir is a second year student of Masters in Public Policy at Lee Kuan Yew School of Public Policy. Her specialization is in Management and Leadership and she is winner of the Dean's List award at LKYSPP. She has more than five years of managerial experience in international development projects and business-start-ups. Her professional expertise include project and cross organizational collaboration management.



*Anjali Shivananda*

Anjali Shivananda is a second-year Master in Public Policy student at Lee Kuan Yew School of Public Policy, National University of Singapore. A lawyer by training, she has three years' work experience in the social sector in India, specifically focusing on rights of children. At LKYSPP, she serves as the President of Bridging GAP (Gender and Policy), a student group that focuses on topics relating to gender and policy, and is the Vice-President of Helping Hands, a student group working on migrant labour policies. Anjali's interest lies in gender.



*Palak Rawal*

Palak Rawal is a 1st year student from the Master in Public Policy Program at Lee Kuan Yew School of Public Policy. Prior to this, she worked as an associate with the Chief Minister's Office of Haryana Government in India on effective implementation of social policies and programs. Passionate about the fields of gender and education, she has managed projects in both, in collaboration with UNICEF, BCG, and other leading organizations. She also serves on the core committee of Bridging GAP (Gender and Policy) student group at LKY school.

# HEARTY MEALS: REVOLUTIONIZING SCHOOL LUNCHES

Eleni Ayala Ojeda, Harman Singh Bhatia

## ABSTRACT

The Hearty Meals app aims to tackle SDGs #3 & #12 by revolutionizing child nutrition and responsible food production at schools. Hearty Meals works by facilitating lunch orders, encouraging healthy eating, and delivering data analytics on patterns of consumption to school officials. Its need-based modality further allows donors to sponsor a child's lunch, thereby making a positive and life-long impact on the child's development.

## PROFILES



*Eleni Ayala Ojeda*

Eleni is a 2nd -year student from the Master in Public Policy at the Lee Kuan Yew School of Public Policy. She has served as a consultant for the Inter-American Development Bank and as an advisor the Minister of Tourism in Mexico. She is passionate about tackling social issues such as gender equality and child nutrition.



*Harman Singh Bhatia*

Harman Bhatia is a 2nd year Master in Public Policy student at the Lee Kuan Yew School of Public Policy. He worked at the World Bank's Singapore Infrastructure Hub and at KPMG India's Government Advisory team. He is interested in climate change governance and evidence-informed policy making.

# IMPROVING PATIENT ADHERENCE AMONG HYPERTENSIVE PATIENTS IN SINGAPORE

Joanna Lee Si Han, Yip Jie Ying

## ABSTRACT

How can we encourage hypertensive patients to adhere to complex medication regimes and cultivate good practices that would help to control their blood pressure (BP)? Hypertension is a long-term medical condition prevalent in around 40% of adults aged 25 and above globally. However, many hypertensive patients have uncontrolled blood pressure (BP), making it the leading preventable cause of death globally. How can we leverage on technology to improve the health of hypertensive patients? To this end, we propose HYPED, a gamified one-stop mobile application that harnesses existing technological innovations to address the causes of uncontrolled BP. By rewarding sustained behavioural changes, HYPED encourages hypertensive patients to adhere to medication regimes, monitor their BP from home, engage in regular exercise, and consume healthy diets. It's time to get hyped for HYPED!

## PROFILES



*Joanna Lee Si Han*

Joanna is a 1st – year student from the Master in Public Policy (MPP) programme at the Lee Kuan Yew School of Public Policy. She is also currently pursuing a Bachelor degree in Economics at the National University of Singapore. Driven by her passion for migrant communities and healthcare, she volunteers at HealthServe, an organisation that provides medical care and social assistance to migrant workers. She aspires to apply her public policy training to deigning solutions that will improve the health of vulnerable communities.



*Yip Jie Ying*

Jie Ying is a 1st-year student from the Master in Public Policy programme at Lee Kuan Yew School of Public Policy, with an expected specialisation in Economics and Development. She is also interested in international relations and political theory and is keen on pursuing a career in the civil service after graduation.

# SKILL EMPOWERED SUSTAINABLE COMMUNITIES (SESCO)

Binil Mathew, Devyani Chaturvedi, Hao Nan, Vinod Kumar Pandey

## ABSTRACT

The developing Asian countries face a booming trend of urbanization with a great inflow of migrant workers to urban areas for better livelihood. The lack of demanded skillsets, however, make the migrants fail to realize their pursuits, and further leading them to be socially ostracized and economically unemployed. Pointed out by the SDG 11: Sustainable City and Community, international community has paid attention to the issue and been calling for solutions.

The solution we propose is a model named Skill Empowered Sustainable Communities (SESCo) that is affordable, scalable and replicable. Migrant workers are able to elevate them from structural obstacles by accessing to vocationally beneficial information within a short time visiting the place.

The core of this model is an offline establishment that has uncalled attractions like WIFI and daily necessities. Migrant workers, therefore, would anyway come to the place. For example, in case of India, this would be a tea stall. Within a-cup-of-tea time, migrant workers can access to information on jobs and skills available to be trained. After they leave, they can continue to follow up online by signing in our MOOCs.

Selling products sustain the model financially; Data gathering and analysing, and solar power application sustain the model operationally; Matching with local governments' support policies sustain the model locally. By means of Seed Fund and Social Impact Investment, this sustainable model can really take off.

## PROFILES



*Binil Mathew*

Binil Mathew is a 1st -year student from the Master in Public Policy programme at Lee Kuan Yew School of Public Policy. He was an educator at a low income private school under the Teach For India fellowship prior to joining the school. He has project management experience in the NGO sector and is interested in social policy and innovation. He also serves as the Vice President of the Education Lab student group at LKYSPP.



*Devyani Chaturvedi*

Devyani Chaturvedi is a first year student pursuing Masters in International Affairs with specialisation in Economics and Development at Lee Kuan Yew School of Public Policy. She has worked on developmental issues with think tanks like National Institute of Advanced Studies, India and University of Pennsylvania's Institute of Development Studies. She has also worked with Indian state governments on issues including Conflict Resolution and Post-Conflict Development. Devyani has also co-founded the Conflict Resolution and Development (CORD) student group at LKYSPP.





*Hao Nan*

Hao Nan is master student on public policy at LKYSPP, NUS. As a scholarly practitioner, he once worked in intergovernmental on ASEAN-China cooperation. As a practical scholar, he has authored several papers and book chapters on international relation topics and public policy issues. His main policy research focuses are digital approach to poverty alleviation and the security issues along the Belt and Road.



*Vinod Kumar Pandey*

Vinod Kumar Pandey is a student from the Master in Public Administration with core study areas in Policy Analysis, Economic Analysis and Public Management at Lee Kuan Yew School of Public Policy. A development professional and a social entrepreneur by practice and co-founded Rozgar Dhaba ( employment cafe') in India, he has a decade of development sector experience in different parts of Asia (mainly India) with non-profit sectors. He has co-founded Conflict Resolution & Development (CORD) student group at LKYSPP.

# SOLAR AND BIOGAS SMART GRIDS – A STEP TOWARDS CLEAN AND SUSTAINABLE ENERGY

Ankur Agrawal, Calista Lin Linya, Mei Ling Tng

## ABSTRACT

To provide universal access to electricity in a cost effective and environmentally sustainable manner, our proposal is to integrate solar power and biomass power, so as to pool and distribute both sources of energy through decentralized smart grids. The use of biomass power will balance the intermittent solar energy production cycle, ensuring a constant supply of renewable energy to areas with no direct electricity access.

Distribution of electricity shall be done through smart decentralized grids. These smart grids would use ICT to manage demand and supply through dynamic pricing mechanism. This will ensure optimal allocation of energy to the people keeping electricity prices affordable and offset any risk that the power plant operators would bear. Setting this power system in co-operative structure for a community would ensure that the power system is optimally utilized for the common interest of all.

## PROFILES



*Ankur Agrawal*

Ankur is pursuing Masters in Public Administration from Lee Kuan Yew School of Public Policy. He is a Chartered Accountant and had also completed post graduate programme in management from Indian School of Business. He has been working in the corporate and infrastructure banking with leading financial institutions in India for 7 years before joining the school.



*Calista Lin Linya*

Calista Lin is a candidate from the Master in Public Administration programme at Lee Kuan Yew School of Public Policy. She has been working in the National Environment Agency for close to a decade, and in her last role, had been focusing on fostering strong partnerships with the local stakeholders to implement and run environmental programmes in the community.



*Mei Ling Tng*

With a background in environmental engineering, Mei Ling has a decade of working experience at the National Environment Agency. She took on several roles in formulating policies and implementing programmes in the areas of waste/resource management, energy efficiency and radiation protection. Mei Ling is currently pursuing her Master in Public Administration at Lee Kuan Yew School of Public Policy.

# **LONDON SCHOOL OF ECONOMICS (LSE)**

SCHOOL OF PUBLIC POLICY

# BUILDING PARTICIPATORY GOVERNANCE: LIVE CITIZEN FEEDBACK TO IMPROVE MUNICIPAL SERVICE PROVISION IN INDIA

Akash Mehta, Anita Manoharan, Isha Sharma, Ruchin Gupta, Veronika Pesheva

## ABSTRACT

Democracy is traditionally defined as a system of government where the citizens exercise power through votes. However, between election cycles, citizens are often powerless, unable to voice their needs, feedback and grievances to the government. Within the domain of 'Local Governance' the management and provision of services is often managed by municipalities, which are disconnected from political election cycles and lack the ability and incentives to improve efficiency and citizen satisfaction.

**Solution** – Building mechanisms of Citizen's Feedback driving municipality performance.

Addressing this information asymmetry between citizens and their local service providers, we propose a two-step solution:

**Step 1** – Online 'Survey Platform' for citizens to provide feedback directed towards provision, quality and efficiency of local municipal service in Indian cities.

**Step 2** – Compile this data into a 'City Level League Table' across municipalities of the city. By incorporating a public ranking system, we build positive team incentives for performance.

This survey will be designed to capture each aspect of the Citizen's 'end-to-end' journey with the service provider. Collected through both quantitative and qualitative questions, this data would be populated live on their official municipal websites. The City Level League tables created will facilitate each department to engage in a healthy competition through a mechanism of performance recognition and accomplishment. Both officials and citizens will have access to this information and with visible changes in service quality, we hope our solution would reinforce the culture of live accountability and improve governance.

## PROFILES



*Akash Mehta*

Akash is a 1st year MPA student at LSE and specialising in International Development. He comes with 2 years of experience at the Government of India. He holds a Bachelors in Economics (Honours) from Shri Ram College of Commerce, University of Delhi. He holds a diploma course in Urban Studies and Planning from Harvard. He started his career as a Policy Assistant to the Energy Minister, Government of India. Prior to joining LSE, Akash worked in various domains including renewable energy, urban resilience and on increasing agricultural productivity. Most recently, he got elected to the Court of Governors at LSE and subsequently to the Council, school's highest governing body. Akash is interested in making the cities more liveable through creating innovative solutions for urban, rural and social resilience.



*Anita Manoharan*

Anita Manoharan is a second-year MPA student specializing in International Development. She has a keen interest in good governance, development economics and creating policy impact at scale. She believes in simple solutions with long term sustainability and hopes to create such solutions for big policy problems back home in India.

She has formerly worked with Teach For India, an international non-profit organization, for over 7 years, specializing in Education. Working with their Delhi team, Anita led their Elementary intervention, particularly within Primary and Secondary Public-School systems across Management and impacted over 10, 000 kids across over 100 schools.

Previously she has completed a Masters in English Literature, from Lady Shri Ram College, Delhi University. Beyond academics, Anita also shares a passion for animals, music and literature.



*Isha Sharma*

Isha Sharma is a MPA candidate at the LSE. Isha did her Bachelors degree in Liberal Arts – with a focus on Comparative Literature, Art History and Religious Studies. Her passion for communications and international development led her to work in development communications in the non-profit and private sectors. To gain practical expertise at the grassroots, Isha worked extensively in inclusive growth and social cohesion programs across the Middle East, India and the U.S. In May 2017, she founded the Art of Living Fellowship Program to create a platform for young people to become social-impact leaders.



*Ruchin Gupta*

Ruchin is a 2nd year MPA student at LSE and comes with 8 years of experience working in India, Singapore & UAE. He holds a Bachelor of Commerce (Honours) and Postgraduate Diploma in Finance from India. He started his career as an analyst in an investment banking research followed by a role as a consultant in an Investment and Treasury consultancy. Prior to joining LSE, Ruchin worked for 6 years in various roles in finance and strategy at Unilever, based out of Mumbai, Singapore and UAE. Most recently, he worked as an intern with Global Green Growth Institute (GGGI) based out of Jordan. GGGI is an intergovernmental organization with active development projects with governments of 30 countries aimed at driving transition towards green economy. Ruchin is interested in broader development sector and wants to leverage his skills and experience in finance & investments to drive global development.



*Veronika Pesheva*

Veronika Pesheva is a 2nd year MPA student specializing in Social Impact. She is currently working with UNICEF Uzbekistan through the MPA Capstone Project evaluating the current social protection system in Uzbekistan and its implications for youth poverty. She is also a Senior Consultant at Cognoscere Consulting, a consulting firm run by LSE postgraduates, where she is working with the Oak Foundation to design a new monitoring and evaluation (M&E) system with the objective of increasing impact across conservation portfolios.

Veronika obtained her B.A. degree in Political Science from University of California, Los Angeles. Following graduation, Veronika commenced employment as the VP of Communications, Marketing, and Partnerships in a NYC-based startup. Since 2018, she has worked as Marketing consultant for an asset-management company in Abu Dhabi. After graduating from the MPA, Veronika hopes to merge her academic interests and private sector experience, and design entrepreneurial projects with potent social impact.

# 'LAZY SUNDAY': A NEW BUSINESS MODEL IN FASHION – SELL YOUR USED CLOTHES, BUY SECOND-HAND FASHION ONLINE LIKE YOU WOULD FROM YOUR FAVOURITE ONLINE RETAILER

Caroline English

## ABSTRACT

'Lazy Sunday' is an online fashion retailer that sources its supply chain from used clothes and leftovers from major fashion retailers. The business model is in response to an increase in volume of fashion purchased in recent years, enormous waste from unsold goods from fashion retailers, and a consumer trends towards online retail and away from bricks and mortar retail. With an online platform that offers customers everything they like about major online fashion retailers such as ASOS – segmenting product lists to find what you like, suggestions, great user experience, low prices – customers can find things they love in the way they like to shop without the waste of producing more new garments. Lazy Sunday will purchase goods from fashion retailers and individuals who can send in their used items, creating a market for used goods and a sustainable and scalable business model. Lazy Sunday will launch in London with the potential for growth to other markets.

## PROFILES



### *Caroline English*

Caroline English is a second year MPA student at the LSE from Melbourne, Australia. Her studies have focused on quantitative analysis and social policy. She hopes to move into public service after graduating from the MPA in July and is interested in policy related to job creation, the environment and government service delivery, amongst other areas. Prior to the MPA she has spent three years working in corporate strategy consulting with Port Jackson Partners in Sydney and earlier was the CFO of the Oaktree Foundation, a youth led not-for-profit in aid and development based in Melbourne. She studied a Bachelor of Commerce majoring in Accounting and Economics at Monash University. She likes singing and visiting art galleries.

# LINKING EDUCATORS AND IMPROVING EDUCATIONAL QUALITY IN GHANA

Samantha Boynton, Myra Koelle

## ABSTRACT

linkED is a teaching resource that responds to the fundamental barrier to quality education in Ghana: a lack of adequately trained teachers and limited opportunities for ongoing learning and development. While the development and enhancement of pre-service teacher training programmes is a top priority in Ghana, there are few opportunities for in-service teachers to improve their pedagogical practices. As a professional development platform, linkED aims to improve the quality of teaching in Ghana as a means for ultimately advancing students' learning outcomes and educational opportunities. More specifically, linkED supports teachers in improving their pedagogical practices through: (1) direct and actionable feedback on teaching practice; (2) the provision of teaching and learning resources; (3) facilitating networks and professional learning communities amongst teachers.

Through these three key features, linkED provides teachers with a personalized platform for feedback on their instructional practice, as well as resources and opportunities for collaboration. The app empowers educators to improve their teaching and implement evidence-based strategies - targeted to their specific needs and classroom context. Teachers record their lessons on the app, allowing them to review and evaluate their own practice. In addition to self-evaluation, the transcripts are analyzed against a "rubric of best practice" to provide direct feedback, as well as access to relevant teaching and learning resources. Finally, linkED challenges users to take advantage of the number of teacher users and establish an informal network. Teachers can watch their colleagues in action, learn from them, and get inspiration from strategies they wish to incorporate into their own teaching.

## PROFILES



*Samantha Boynton*

Samantha Boynton is an MPA candidate at the LSE, specializing in International Development. Originally from Toronto, she holds a Bachelor of Arts with Honours (BAH) and Bachelor of Education (BEd) from Queen's University in Canada. Sam's career began in teaching and then moved into development. She is the former Director of Students for Literacy, a Canadian education-based NGO that provides educational services for at-risk populations in women and youth shelters, halfway homes, and prisons. Sam has worked in educational development in several areas of the world. She worked as an education consultant for local NGOs in both Indonesia and Kenya, assisting in project coordination for a series of curriculum development projects. She later worked for an education startup, moving between Ghana, Cote d'Ivoire, and Togo, evaluating teacher performance and developing professional development opportunities for teachers in these regions. Prior to starting at LSE, Sam was working at the United Nations, within UN Women, in New York City. Looking ahead, she is passionate about working to limit the education gap around the world and improve educational opportunities for at-risk populations.



*Myra Koelle*

Myra is in her first year of a Master of Public Administration at the LSE, and is interested in the intersections between academic research and policy implementation.

Before coming to London, she worked as a Research Fellow at the University of Melbourne – focusing on Education policy and Evaluation. She also taught subjects in Sociology and Applied Research Methods. She hopes to transfer her skills and knowledge from an academic to a policy context; and ultimately wants to construct and implement effective, equitable and evidence-based education policy. She holds a Bachelor in Psychology from the University of Sydney and an Honours in Sociology from the University of Melbourne. At the LSE she is also involved in the Women's Network and Public Sphere Journal podcast.



# PAYLAŞMA: SERVICE RELIEF PLATFORM FOR SYRIAN REFUGEES IN ISTANBUL

Katharina Ziegler, Khiran O'Neill, Myra Koelle, Nina Locher, Victoria Chartier

## ABSTRACT

What is the issue? Turkey is the largest host of Syrian refugees in the world, with 3.6 million people registered in the country as of 2018. Despite the scale and permanence of the Syrian population in Turkey, only 2.4% of working-age Syrian refugees have received work permits, and among women that proportion is as low as 0.2%. Exclusion from the formal job market leads to further exclusions, and limits the capacity of refugees to access essential resources and services, as well as actively participate within their social world.

What is the solution? Our proposal is Paylaşma ('sharing' in Turkish), a platform for Arabic-, Turkish- and Kurdish-speaking women to communicate, coordinate and exchange services targeted to their needs. Paylaşma is a peer-to-peer marketplace where users can offer and obtain services in exchange for tokens. Users list services they are able to provide, their availability and price - in the form of tokens that can be used to purchase other services within the app – in the spirit of a work trading system where users can swipe through available services. It offers both a digital and physical space that enables women to access and provide work that is typically unpaid. Furthermore, it allows direct communication between local and refugee women, thus fostering networks in which challenges and experiences can be shared. Thereby encouraging the participation, empowerment and inclusion of refugee women within Turkish society.

## PROFILES



*Katharina Ziegler*

Katharina Ziegler is a small city girl from Bayreuth, Germany. After finishing the Bachelor of Liberal Arts and Sciences with a major in Economics in Rotterdam, the Netherlands she gathered some work experience: in the field of economic research and in international development cooperation. Since 2018 she is part of the MPA at LSE, where she further intends to specialize herself in the practical application of quantitative method in international development. She is passionate about sports such as running, swimming and lately also Taekwondo. A modern art, photography museum or a theatre play is also part of a usual week.



*Khiran O'Neill*

Khiran is a first year Master of Public Administration student at the LSE. Previously, he studied political science at the University of British Columbia, in his native Canada. During his first few months in London, Khiran has been involved with the Public Sphere Journal at LSE and has spent plenty of time figuring out how to ride his bicycle on the wrong side of the road.



*Myra Koelle*

Myra is in her first year of a Master of Public Administration at the LSE, and is interested in the intersections between academic research and policy implementation.

Before coming to London, she worked as a Research Fellow at the University of Melbourne – focusing on Education policy and Evaluation. She also taught subjects in Sociology and Applied Research Methods. She hopes to transfer her skills and knowledge from an academic to a policy context; and ultimately wants to construct and implement effective, equitable and evidence-based education policy. She holds a Bachelor in Psychology from the University of Sydney and an Honours in Sociology from the University of Melbourne. At the LSE she is also involved in the Women's Network and Public Sphere Journal podcast.



### *Nina Locher*

Nina Locher is a Master of Public Administration Candidate at the London School of Economics (LSE). Prior to her master's degree, she worked as a project manager in the Berlin headquarters of the Heinrich-Böll-Stiftung, a German green political foundation, where she was responsible for projects on Turkey, Greece and European energy transition. Having grown up in rural Southern Germany, Nina pursued her bachelor's degree in Politics and Public Administration at the University of Konstanz and the Istanbul Bilgi University. In addition to her MPA studies, Nina is engaged in the School of Public Policy Women's Network and responsible for building up safe space trainings for women to overcome sexism at workplace. Nina's academic and professional interests lie in strengthening democracy and civil society, with a special focus on gender and Europe. Personally, Nina is a passionate music lover and particularly enjoys listening to Funk and Contemporary Jazz.



### *Victoria Chartier*

Victoria Chartier is a First-Year student of the Master of Public Administration at the London School of Economics. Born and bred in France, she moved to the United Kingdom in 2012 to study Business & Management at Durham University. After a three years-stint in a public affairs and communications consultancy, APCO Worldwide, she is excited to delve back into studying with a particular interest in learning more about the political economy of international development. Victoria is involved with launching the first edition of a Mentoring Programme for the School of Public Policy Women's Network's members, and is a research volunteer for Citizens UK, a community-organizing campaign group. In her spare time, she is an enthusiastic amateur dancer especially enjoying old school hip-hop and Afrobeat.

# WASTE-TO-ENERGY PLANT AS A SOLUTION FOR THE SANITATION CRISIS IN BUCARAMANGA, COLOMBIA

Andrea Rios-Serna, Emma Ros, Hans Frech La Rosa, Karen Lorena Cruz Serrano, Laura Córdoba Reyes

## ABSTRACT

Bucaramanga (Colombia) is on the verge of a sanitation crisis in terms of waste generation and disposal. Local authorities have decided to definitely shut down the landfill by January 2019, since it no longer has capacity to receive the 15,000 tons of waste generated daily (approximately 1kg per person a day). Equally alarming, 70% of the energy generated in Colombia is produced by hydroelectric power, while less than 2% is produced from non-conventional renewable resources. The vast dependency on hydroelectric power has alerted incumbents since the electricity supply in the country is highly vulnerable to climatic events and the demand for electricity is expected to increase up to 50% by 2030.

We propose the construction of a waste-to-energy (WTE) power plant in Bucaramanga, which will feed from the waste that the city produces daily and the waste already disposed in the local landfill. The WTE plant provides a sustainable and economically efficient alternative by turning this consumption externality into a production input for renewable energy. Additionally, it will provide clean energy to less developed regions that have been deeply affected by the armed conflict in Colombia, where energy is still undersupplied. Their geographic location (close to Bucaramanga) facilitates the connectivity and distribution of energy and thus reduces the costs of providing energy to local suppliers in said provinces. A WTE plant will help to stop climate change (SDG 13), increase the share of non-conventional renewable energy (SDG 7) and promote a more peaceful and just society (SDG 16).

## PROFILES



### Andrea Rios-Serna

Andrea Ríos Serna is a Colombian first year student of the Master of Public Administration at LSE. She is an Economist with a Master in Economics of Universidad de Los Andes in Bogotá (Colombia). Prior to her studies, she worked for four years in a Colombian think tank (ANIF), doing economic research, where she served in different positions. The last one was the macroeconomic analyst, which main functions were to follow up on Colombia and some Latin-American countries' macroeconomic and fiscal indicators, writing all the reports and articles related to it, and to do presentations for ANIF's clients about Colombian economic situation, analysed from the macroeconomic and sectoral perspectives. Besides, she participated in several consultancies requested to ANIF, related to macroeconomics, taxes, the labor market and the social security sector (health and pensions).



### Emma Ros

Emma Ros is a Dual Degree MPA Student with the London School of Economics and Sciences Po. Prior to her studies, she worked on Health Policy at the French think-tank, Institut Montaigne, where she focused on health innovation and mental health. She has organized workshops around France for identifying the best practices for locally-adapted mental health interventions. She also worked at the Ministry of Education on educational exchange programs across Latin America. She holds a bachelor degree from Sciences Po where she had the opportunity to spend her exchange year at the Universidad Austral in Argentina and to work for the Red Argentina para la Cooperación Internacional. She is a native Bordelaise (Bordeaux) and enjoys traveling, reading, and spending time with family and friends.



### *Hans Frech La Rosa*

Hans Frech La Rosa is a Peruvian Educational Psychologist, currently pursuing a Master of Public Administration at the London School of Economics and Political Science (LSE). While at LSE, he is the Community Engagement Chair at the MPA Student Association and Senior Editor for The Public Sphere Journal of Public Policy. Hans also works as an independent consultant with Stratedu on research and strategic innovation for education institutions and organizations. He is also a Partner at the Bloomsbury Policy Group, a network of Latin American professionals with postgraduate education in the United Kingdom aiming to contribute to the design, delivery, and improvement of effective public policies in the region. Hans advocates for a better use of resources to achieve social impact and reduce inequality through evidence-based innovations and efficient management strategies.



### *Karen Lorena Cruz Serrano*

Karen Lorena Cruz Serrano is a Master of Public Administration candidate at London School of Economics. She was born and raised in Bogotá (Colombia) and she earned her Bachelor of Laws (LL.B) at Universidad de los Andes. She is currently working with ARUP through a capstone project analyzing the role of transport infrastructure and city networks on local and regional economic growth and development in Northern England. Lorena has a keen interest in smart cities, digital and physical infrastructure, urban economics and regional development. Prior to LSE, she was an associate at a Colombian law firm and worked as an adviser in numerous project finance transactions for toll road infrastructure projects in Colombia. Moreover, she advised foreign and local clients in M&A transactions as well as foreign investments in fields such as digital networks and financial technology, manufacturing and oil & gas. She also worked as in-house lawyer in a financial corporation in Colombia in the design, evaluation, public tender and project financing of toll road infrastructure projects. Beyond academics, Lorena is passionate about helping build a more peaceful and equal society in her home country and advocating for women and animal rights.



### *Laura Córdoba Reyes*

Laura Córdoba Reyes is a first year student of the Master of Public Administration at the London School of Economics and Political Science. She is from Bogotá, Colombia. She has a bachelor degree in Industrial Engineer at the Universidad de los Andes. Before coming to LSE, she directly participated in high-impact policy-making and execution at a national level. She worked as an adviser of the General Director at Colombia's Administrative Department of Public Service. There, she participated in the designing of a new planning and management model for the public entities of the executive branch, to improve their efficiency, while also implementing shared principles of integrity and transparency. Also, she worked at the Colombian Geological Survey (CGS), where she made part of different projects. Particularly, she was part of the team that performed the transfer of the oil information bank (BIP) from the hydrocarbons authority to the CGS, as part of the modernization of the Colombian mining sector.

# **SCIENCES PO**

SCHOOL OF PUBLIC AFFAIRS

## LEE

Inken Koenemund, Daisy Pollenne, Elena Maier, Zoe McGowan

### ABSTRACT

LEE is an app-based one-to-one mentorship programme targeted at queer youths in Paris. It aims to address individual needs, navigate challenges, improve lives and meet full human potential. Through the LEE interface, queer adolescents (18-26 year olds) will be matched with experienced, caring adults from the community, allies to guide them on a path to stability and most importantly, spend time with them. All mentoring issues, such as gender dysphoria and questions around sexual orientation and gender identity will be addressed in an open and trust-worthy way. Furthermore, taking care of any individual, personal needs such as legal support, access to housing, health-related issues, family formation matters and many others, is at the heart of LEE's strategy. Finally, the mentorships contribute to the mentee's personal growth, the improvement of educational results, economic opportunities and social inclusion, to name a few, thus shedding benefits at a broader level. Therewith, LEE contributes to reaching SDG 16 of establishing an inclusive and peaceful society by 2030.

### PROFILES



#### *Inken Koenemund*

Inken is a public policy student pursuing a dual-degree at Sciences Po Paris and the Hertie School of Governance in Berlin. She is currently on a gap year and works as a policy officer at the German Federal Ministry of Labour and Social Affairs, where she deals with the digital transformation of the world of work. Inken's purpose in life is to promote social inclusion and facilitate social transformations conducive to the universal values of justice, freedom and human rights. She gained experience with the UN Agenda 2030 and the implementation of the SDGs during an internship at the Kenya National Commission for UNESCO in Nairobi. Inken holds a B.Sc. in European Public Administration from University of Twente in the Netherlands and WWU Münster in Germany.

#### *Daisy Pollenne*

Daisy Pollenne is a second year student at Sciences Po Paris, in the European Affairs Masters in Social Policy and Social innovation. She is carrying out her last year as an apprentice, working for the Evaluation office of the Ministry of Labour (DARES). Daisy's previous experiences include working for a consultant in educational policies, notably on a project with the AFD (Agence Française de Développement), and a year in Lebanon (Beirut) conducting research for Amel House of Human Rights. She is particularly sensitive to integration of migrant communities, and her current position includes monitoring and evaluating HOPE, a program proposing Professional trainings to refugees in France.

#### *Elena Maier*

Elena Maier is a second year Master student at SciencesPo Paris, pursuing a degree in Public Policy with a specialization in Social Policy and Social Innovation. Elena is passionate about promoting gender equality and is currently interning for the German Federal Ministry of Family Affairs, Senior Citizens, Women and Youth where she works on family policy. She earned a bachelor's degree in English and American Studies and Political Science from the University of Bamberg, Germany.

#### *Zoe McGowan*

Zoe is a Master's student of European Affairs, specialising in Social Policy and Social Innovation at Sciences Po, Paris. Zoe is passionate about social justice and equality, particularly, issues relating to labour markets, welfare and inclusion. In 2018, she spent the summer working on the implementation of other social innovations aimed at integrating vulnerable people into the labour market. She also has experience in both the private and non-profit sectors in digital and innovation-related roles, and won the prize of "Best Innovator" for work completed during a previous internship. Zoe has a First-Class degree in French and Politics from the University of Nottingham.

## MESA NATURAL

Claudia Varney, Ediane de Lima, Jakob Embacher, Kelsey Beltz, Meeta Tarani

### ABSTRACT

In lower-income cities around the world, poverty, food security, access to fresh and healthy food, and precarious working conditions go hand in hand. Many lower-class urban residents live in “food deserts”, or areas where there are few or no affordable fresh food vendors or full-service markets. In our project, Mesa Natural, we have chosen to focus on Paramount, Los Angeles, a neighbourhood with Hispanic majority and a food desert. Our intervention uses a grass-roots, community-based approach to tackle food insecurity through increasing accessibility to healthier food, as well as the co-creation of healthy food consumption habits. We also seek to create spaces for cultural propagation through community participation, drawing on existing cultural traditions and practices. In our first phase, we will work with local churches as entry points to gain access to the communities by hosting communal meals with fresh, local produce after Sunday services. Our second phase will expand beyond communal meals by hosting weekly community farmers markets, where fresh produce will be available at wholesale cost thanks to partnerships with local farmers and grants from the state of California, coupled with convenient and wholesome recipe kits drawn from the cultures’ cuisines. Finally, our third phase will incorporate a weekly after-school program in local primary schools to encourage children to learn healthy eating habits at a young age, and to be excited about gardening and cooking. Our goal is to change eating habits for the better and create lasting awareness about healthy nutrition that will be sustained through the generations.

### PROFILES



*Claudia Varney*

Claudia Varney is a Masters candidate in Public Policy at SciencesPo Paris, specializing in Social Policy and Social Innovation. Her background is primarily in creative campaigning, social policy and community outreach. She is deeply passionate about creating policies that address social inequalities and has worked for various campaigns and NGO’s on issues relating to gender-based violence and food insecurity, most notably campaigning for the Affirmative Consent Act as well as increased federal subsidies for public school lunches to buy fresh fruits and vegetables. Claudia has a strongly international outlook, having lived or studied in the U.K., the U.S., Peru, Australia, France, and China.



*Ediane de Lima*

Ediane de Lima is a second year Masters student in Public Policy at Sciences Po Paris, majoring in Social Policy and Social Innovation. Previously, she has had the pleasure of working and researching internationally on subjects such as innovation in the private and public sectors, social innovation, poverty and social assistance. Her research and professional interests lie in the possible intersections between these themes. Prior to Sciences Po, she was working as an Advisor for the Department of Technology and Innovation at the São Paulo City Hall. She holds a bachelor degree in Public Policy Management from the University of São Paulo and a one year training certificate in Social Innovation from the Youth Initiative Program.



*Jakob Embacher*

Jakob Embacher is currently following a Master’s Degree in Public Policy at Sciences Po School of Public Affairs with a specific focus on Social Policy and Innovation. Prior to that, he completed his Bachelor’s Degree in International and European Law in the Netherlands. There, he was working with the student chapter of Amnesty International as well as conducting research on the inclusion of refugees. Jakob is particularly interested in labour market policies, socially innovative projects and tennis.



*Kelsey Beltz*

Kelsey Beltz is a dual degree Masters candidate currently completing a Masters in International Law and Diplomacy from the Fletcher School at Tufts and a Masters in Public Policy from Sciences Po Paris. Passionate about early childhood education and migration issues, she has worked for several years with NGOs helping immigrant and refugee communities in New York and Paris. She has recently completed a 5 month internship working on partnerships for sustainable development at the OECD Development Centre.

*Meeta Tarani*

Meeta Tarani is pursuing her Master in Public Policy at Sciences Po, Paris, with a specialization in Social Policy and Social Innovation. Her career project is to pursue policy-research linkages, primarily through the processes of needs assessment or policy evaluation and feedback. She is also deeply interested in studying the potential and scope of technology and civil societies in the policy scene in developing countries.

# PROJECT GREEN SKY

Ieva Cesnulaityte, Soukayna Remmal, Tea Cimini, Ivana Vujeva

## ABSTRACT

Project Green Sky is an international network of public, private, and nonprofit actors seeking to harness the power of plants to reduce air pollution and increase quality of life in urban areas. By connecting existing and potential rooftop parks worldwide, network facilitates sharing of best practices amongst different regions, sets international standard for Sky Parks worldwide and supports the creation of new parks by advising on policy environment.

## PROFILES



### *Ieva Cesnulaityte*

Ieva Cesnulaityte is a first year student at University of Toronto/Sciences Po dual masters degree program in public policy and global affairs. Prior, she has been working as a coordinator of Lithuania's participation in the Open Government Partnership initiative at the Office of the Government of the Republic of Lithuania. Ieva is also active in the NGO community - she is a founder of a social initiative aimed at reducing social exclusion of the elderly and promoting sustainable and healthy lifestyle amongst young people through garden sharing. Ieva also holds a BA from University of Birmingham in International Relations and French Language.



### *Soukayna Remmal*

Soukayna Remmal is Moroccan. She is 22 years old. She is currently pursuing the Dual Degree Masters MPP/MGA in Public Policy and Global affairs between Sciences Po and the University of Toronto. Prior to Sciences Po, Soukayna graduated from Al Akhawayn University in Ifrane -Morocco with a Bachelor of Arts in International Studies with a minor in African Studies. During her bachelor, she went on an exchange semester to Bocconi University in Milan -Italy. Moreover, she interned in a think tank in Rabat-Morocco, and underwent a diplomatic training at the mission of Morocco to the European Union in Brussels, Belgium.



### *Tea Cimini*

Tea is currently pursuing a dual master degree in public policy and global affairs at Sciences Po and the Munk School of Global Affairs and Public Policy. She graduated with a specialist degree in Peace, Conflict and Justice from the University of Toronto. During her undergrad, Tea served as Co-President of the Peace, Conflict and Justice Society and Co-Chair of the 11th Annual Peace, Conflict and Justice Conference. Tea was also the Co-President of the UofT UNICEF Campus Chapter and Co-Editor in Chief for the European Studies Students' Association. Tea conducted field research in Tbilisi, Georgia where she studied gender equality in the electoral system and the prospect of EU membership. Tea was an International Presidential Fellow at the Center for the Study of the Presidency and Congress in Washington D.C. and interned at the Donner Canadian Foundation.

### *Ivana Vujeva*

Ivana is currently pursuing her Masters of Public Policy at SciencesPo, specializing in Cultural Policy and Management. Ivana graduated from the University of Toronto with a dual major in Peace, Conflict and Justice Studies and Fine Art History. During her undergraduate years, Ivana served as the Co-President of the Peace, Conflict and Justice Society, as well as the Co-Chair of the Peace, Conflict and Justice Conference. Ivana was also involved in her school's model United Nations Team, where she competed on the North American circuit and served as the University of Toronto's Training Director and Vice President. Ivana also conducted research as an international fellow at the Center for the Study of the Presidency and Congress, assessing art crime legislation under the Obama administration.

**SDG  
PROFESSIONAL  
CERTIFICATE  
PROGRAMME**

# DATA ANALYTICS FOR SUSTAINABLE HERDING (DASH)

Alonso Flores, Jessica Arnold, Ji Qi, Nigora Isamiddinova, Nitasha Nair

## ABSTRACT

Data Analytics for Sustainable Herding (DASH) is a methodology to decipher complex interactions between climate change, human mobility, and violent conflicts, using big data analytics and artificial intelligence.

In the Sahel, climate variability, in conjunction with the growing population, changing patterns of land use, and agricultural expansion, are leading to an increase in competition for natural resources and violent conflicts between farmers and herders. To help government and international organizations address these challenges and to improve the assessment of climate risks and resource constraints, DASH is designed to:

- Aggregate data from satellites, mobile phones, GPS-enabled systems, and government statistics;
- Map and visualize changes over time in climate, migration patterns, allocation of natural resources, and violent conflicts;
- Analyze drivers of violent conflicts between farmers and herders; and
- Produce a near real-time forecasting model using machine learning to anticipate areas of resource constraints and potential violent conflicts.

The DASH-Board user interface will be an online data visualization tool which will:

- Visualize changes over time in climate and natural resources
- Track and analyze migration patterns
- Issue early warnings on resource constraints and conflicts

We will pilot DASH in Senegal, one of West Africa's politically stable anchors, because it represents, at a country-level, many of the trends that the Sahel is experiencing, including an uptick in migration, resource shortages, and high-risk areas.

DASH will disrupt the traditional approach to international development and decision-making by unpacking the complexity of the modern-day herding-farming nexus. DASH can also be utilized to inform effective policy making and public service allocation on local, national, and regional levels for better resource management. Potential applications include:

- Long term agriculture development and urbanization plans, land tenure, local governance structure, or relevant government institution reforms;
- Pastoralist extension services in relation to access to water, climate information, human and animal health, food supply, education, or the livestock market; index-based insurance for agriculture or livestock.

The mission of DASH is to create a blueprint for utilizing big data and applying machine learning and AI for better decision-making under deep uncertainty. By following its mission DASH directly supports the achievement of the Sustainable Development Goals and the central mission of the 2030 Agenda: to leave no one behind.

## PROFILES



### *Alonso Flores*

Alonso Flores is currently attending Columbia University for his Master of Public Administration degree, with a concentration in Economic and Political Development and a specialization in Management. Before joining Columbia, Alonso worked as a Strategic Planning Advisor to the Resident Coordinator of the United Nations in Peru. He has five years of experience in strategy management, high-level political dialogue and technical advisory for sustainable development. Alonso has a proven track record and skills in promoting cross-sector partnerships among governments, multilateral organizations, private sector and civil society to advance the Sustainable Development Goals. He received his Bachelor of Science in Sociology from the Catholic University in Peru. Alonso is from Lima, Peru.



### *Jessica Arnold*

Jessica Arnold is currently pursuing her Master of International Affairs degree at Columbia University, with a concentration in International Security Policy and specialization in United Nations Studies. Prior to graduate school, Jessica served in the African Affairs Directorate at the National Security Council at the White House and helped coordinate U.S. Foreign Policy decisions with respect to sub-Saharan Africa. She has significant regional expertise in sub-Saharan Africa in regions including West, East, and the Horn, particularly related to national and international security dilemmas. Jessica is a former Fulbright-Hays Scholar for Advanced Swahili in Tanzania and received her Bachelor of Arts in International Relations and Social Relations and Policy with an African Studies Specialization from Michigan State University. Jessica is from Michigan, United States.



### *Ji Qi*

Ji Qi is currently attending Columbia University for his Master of Public Administration in Development Practice degree. Previously, Ji worked as a Senior Investment Officer at the Asian Development Bank, originating and structuring financing packages for private and public clients in China, Mongolia, and Vietnam, to support the development of environmental infrastructure projects such as municipal and agricultural waste-to-energy, natural gas distribution, geothermal, and integrated water and wastewater management. Before that, Ji worked at Veolia, a utility and resource management company, where he undertook various roles including business development, construction supervision, and operation of heating networks and energy generation plants. Ji has a Master in Science and Executive Engineering from MINES ParisTech and a Bachelor of Science in theoretical physics from Peking University. Ji is from Beijing, China.



### *Nigora Isamiddinova*

Nigora Isamiddinova is currently pursuing a Master of Public Administration in Development Practice degree with a specialization in Advanced Policy and Economic Analysis and Management at Columbia University. Prior to joining SIPA, Nigora worked for a process engineering consultancy firm, Laporte Consultants, as a project manager and process engineer in the pharmaceutical industries in the USA and France. She designed industrial manufacturing processes and oversaw the implementation and validation phases of the projects in France and China. Nigora spent the summer of 2018 in Dakar, Senegal, researching the ways that the barriers to finance for smallholder farmers can be lowered using remote sensing technology. Nigora brings project management and process design skills as well as systems thinking approach to the team. She holds a Bachelor of Science degree in Chemical & Biological Engineering from Drexel University in Philadelphia, USA. Nigora is from Tashkent, Uzbekistan.



### *Nitasha Nair*

Nitasha Nair is currently pursuing her Master of Public Administration degree at Columbia University, with a concentration in Energy and Environment. Nitasha brings over 8 years of work experience in environment policy and management, project management, research uptake, marketing communications and Information Technology. Prior to joining Columbia, Nitasha worked with the International Water Management Institute (IWMI) which is a part of CGIAR, a global consortium of 15 international agriculture research organizations, where she led research uptake for projects in South Asia. She has worked across issues like transboundary water governance, migration and climate change adaptation under programs like DFID's South Asia Water Governance Program, IUCN's Ecosystems for Life and CGIAR's Water, Land and Ecosystems. She has also worked with a government agency in India and a global technology firm. Nitasha is from Kerala, India.



# LABELS FOR A WORLD FREE OF PLASTIC

Angela Galeano-Colonia, Felix Amelung, Gaurav Ganti, Shraddha Iyer  
Raghupathi, Yilmaz Akkoyun

## ABSTRACT

We are a student project supporting the development of a plastic-free label. Our aim is to bridge the gap between the SDG framework and CSR programs to create synergies between consumers, businesses and governments to fight plastic overproduction and overconsumption. We believe that small but scalable practices, such as the introduction of a plastic-free label, have the potential to make sustainable options more accessible to all in their daily lives.

## PROFILES



### *Angela Galeano-Colonia*

Colombian Anthropologist, passionate about developing inclusive social policies, Angela Galeano-Colonia has worked as a project manager in the educational field and as a business analyst in Bogotá, Paris, and Berlin. Her current interests revolve around Creativity, Strategy, and Social Innovation.



### *Felix Amelung*

Felix Amelung is a Masters of International Affairs student building his career around the topic of anti-corruption. He is a co-founder of the youth-led NGO Anti Corruption International and has been involved in a European campaign to protect whistleblowers. Social justice is what drives him the most but he is also a big fan of social innovation and youth activism. Besides studying he works in a compliance consulting firm.



### *Gaurav Ganti*

Gaurav Ganti is a Mechanical Engineer and is currently pursuing a Master of Public Policy at the Hertie School of Governance. In addition to this, he works as a Student Assistant with the climate policy team at Climate Analytics, a think tank based in Berlin."



### *Shraddha Iyer Raghupathi*

Shraddha Iyer Raghupathi is a public policy student with 4 years of experience in educational projects across Asia and Europe encompassing research, advocacy, communications & program management. Her prior experience includes a two year fellowship with Teach For India, an internship with Endevo, a development consultancy in Berlin and a fellowship at the Global Schools Forum, where she conducted research on the growing influence of non-state actors in providing a quality education in developing countries.



### *Yilmaz Akkoyun*

Yilmaz Akkoyun is a dynamic and impact-driven public policy professional who has 5 years of work experience in German and European government as well as in private sector. Most recently, he was working at the German Federal Foreign Office in the division for humanitarian assistance, focusing on Policy, International Organizations and Multilateral Coordination. As Julius G. Blocker and KAS-Scholar he is currently pursuing within the GPPN dual -degree program his Master of Public Administration (MPA) with concentration in International Finance and Economic Policy at Columbia University, SIPA in the city of New York and his Master of Public Policy (MPP) at the Hertie School of Governance, Berlin. He has global experience, a deep analytical skillset and extensive expertise in policy analysis, strategy and public diplomacy. Particularly, he is passionate about sustainable development and finance, impact investing as well as economic policy.



# APPLYING AUCTION-BASED MODEL TO WASTE COLLECTION IN KATHMANDU

Janani Balasubramaniam, Johan Martin Seland, Muhammad Ashik Bin Mohamed Daud

## ABSTRACT

Kathmandu, the rapidly growing capital city of Nepal, has a substantial waste management problem fuelled by years of unmanaged urbanisation, lack of public awareness, and poor planning of public service provision. Gaps in municipal waste management mean that the informal sector plays a key role in waste recovery and recycling, with an estimated 16,000 people working in the sector as waste pickers. Given the precarious nature of their work, these waste pickers live in unsanitary conditions, are prone to poor hygiene practices, and are vulnerable to life-threatening diseases. Additionally, they are vulnerable to social and economic exploitation (particularly by syndicates), which they are unable to tackle due to low bargaining power and illiteracy.

Our project seeks to allow informal waste pickers to improve their bargaining power and receive competitive prices for resale of recyclable material through the introduction of a second-price auction-based model for pricing of recyclable waste. The intervention would be implemented through an independent SMS-based system, which allows waste pickers to input quantity of waste collected, and scrap dealers to bid on per kg prices within a limited time frame. The auction system will ensure that bidders bid their true willingness to pay, as the highest bidder will receive the second price. Anonymity of bids is ensured through the use of SMS services, and waste pickers are guaranteed better prices than the status quo. It is envisaged that this would lead to better standards of living, allowing informal waste pickers to lead dignified lives.

## PROFILES



### *Janani Balasubramaniam*

Janani is working towards an MPP at the NUS Lee Kuan Yew School of Public Policy. With a background in international development and migration, she has experience at the local and regional level across the private and public sectors in Sri Lanka. She is a member of the UN Major Group for Children and Youth.



### *Johan Martin Seland*

Johan Seland is currently working towards an MPP at Lee Kuan Yew School of Public Policy (LKYSPP) in Singapore. He has experience from the Norwegian Embassy in Nepal, and the United Nations in Lebanon, where he worked on security and risk analysis. Johan currently serves as the Class President for the MPP seniors at LKYSPP.



### *Muhammad Ashik Bin Mohamed Daud*

Ashik is reading MPP (Management and Leadership) at the NUS Lee Kuan Yew School of Public Policy (LKYSPP). An experienced mission leader for disaster management and community development, he serves in the Committee for Humanitarian Assistance and International Relief of Singapore Red Cross and is the President of Disaster Risk Reduction Group at LKYSPP.

## RECONNECT

Aisha Salih, Antoine Renaud, Jimena Vargas, Shashrek Ambardar,  
Valeria Moraga

### ABSTRACT

Refugees and asylum seekers face higher risks of mental morbidity due to poorer access to care, often related to fear of detection, language and mobility barriers, and xenophobia. Provision of mental health-care for refugees and asylum seekers in the city of Paris poses two issues. Firstly, it is limited and unable to meet the saturating levels of demand faced by only a few specialized centres, such as Centre Primo-Levi, La Comede, among others. Secondly, due to an inadequate outreach strategy refugees and asylum-seekers are unable to access the existing services. Project Reconnect uses a three-fold framework – Partnerships, Platform and People – to fill these gaps. By creating partnerships between individually practicing mental health experts and Centres, Reconnect aims to increase the supply of mental health-care. The coordination between partners will be carried out through a digital platform which can be used to reach out for help and also to offer volunteer services. In order to overcome informational, technological and cultural barriers, the project's third component includes an outreach strategy where people close to the refugee and asylum-seeking community will be trained to become advocates for mental health and promoters of the online platform. By leveraging existing networks, resources and medical expertise, Reconnect is a community tool that aims to foster inclusion and positively impact personal development of refugees and asylum seekers in the Paris region.

### PROFILES



#### *Aisha Salih*

Aisha is a 25-year-old student of the Public Policy master's program, in the Economics and Public Policy stream. Originally from Sudan, she is a graduate of the University of Khartoum with a BA honor's degree in English and French literature.

Aisha started an internship at the UNDP Sudan Country Office while working towards her degree. This followed a temporary shutdown of the University of Khartoum due to the 2013 civil unrest which left more than 200 people dead in the capital. Directly after, she started a second internship at the UN Resident Coordinator's Office, which led to a full-time employment. During her year at the UN, Aisha worked in communications, coordination, and data management. Aisha then moved on to the World Bank Country Office in Sudan, where she worked for two years on issues of trust fund and project operations, data analysis, and communications. It was her time at the World Bank that directed Aisha towards a degree in Public Policy.

Aisha's motivation stems from her personal and professional experience in Sudan's complex environment as well as the exposure she has had to development and humanitarian assistance.



#### *Antoine Renaud*

Antoine was born in 1996 in the little town of Vierzon in the French countryside. At the age of 10, his family moved to the suburbs of Paris where he completed his High School. He grew up in a family who praised the benefits of music then he practiced drums and piano; moreover he was fascinated with discovering the outside World he dreamt of while drawing maps during hours. After his Baccalauréat, he enrolled in the double degree in Social Sciences and History between Sciences Po and the University Paris-Sorbonne. Simultaneously, he enjoyed his new freedom of movement in Paris to experience traveling within Europe when he joined the Sciences Po hitchhiking club where he advocates for an ethical, social and green tourism. Interested since his childhood in World History and especially the History of Colonization and post-Imperialism, he progressively developed a deep passion in Southeast Asian cultures and especially Thailand thanks to people he met in the aftermath of the military Coup which affected the country in 2014. Therefore, his interest in tourism and travels on one hand, in Southeast Asia on the other helped him fashion a sketch of his project. As a partially deaf person, Antoine has always had a feeling of closeness with the disabled community and believes that the chance of travelling should

be accessible to everyone, deciding to focus on the area he was passionate about. That is the reason why he went in academic exchange during a full year at Thammasat University, in Bangkok where he studied Southeast Asian studies and International Relations. Through his experience of traveling in the region during the year, he became aware of the dramatic issues of a poorly managed tourism industry based on exploitation of communities and degradation of ecosystems with traces of imperialism. He was nevertheless convinced that tourism could be an incredible leverage for sustainable development if it was fairly managed as he sometimes witnessed in Southeast Asia, which would require a shift in the tourism management paradigm. Tourism could be the key for mutual understanding, communities empowerment and social awareness through the sharing of cultures. That is why he decided to enroll in the Cultural Public Policy and Management track of the School of Public Affairs at Sciences Po for his Master Degree back to France concurrently with a Thai language degree at INALCO. Tourism is inherently linked to the culture of places and should optimize the ways to harmlessly showcase it with shared benefits. Therefore the SDGs Professional Certificate would allow him to fill the gap in his curriculum in providing him tools about sustainable development management in order to concretize his ideal for the future. Motivated and optimistic, Antoine wants to celebrate the diversity of cultures to ensure a better future for each community.



### *Jimena Vargas*

Jimena Vargas is currently studying her first year at the Master of Public Policy in the stream of Social Policy and Social Innovation at Sciences-Po. She comes from Peru and holds a Bachelor degree on Anthropology from the Pontificia Universidad Católica del Perú. Before coming to Sciences-Po, Jimena worked at the international study Young Lives coordinated by the Oxford Department of International Development (ODID). She has experience in qualitative research and fieldwork, particularly with vulnerable populations. Her areas of interest include educational policy and gender studies. In the future Jimena would like to return to Peru and be an effective and influent actor in decision-making processes. She would like to work in the public sector or in an international organization that aims to reduce inequality.



### *Shashrek Ambardar*

Shashrek Ambardar obtained his Bachelors with Honours in Economics from St. Stephen's College, University of Delhi, India. He has trained for 16 years in Bharatanatyam, an Indian classical dance form, and his engagements in private and governmental cultural projects as an artiste, director and choreographer have kept him connected to the field of Arts and Culture. As an Emile Boutmy Scholar at Sciences Po, he is currently examining the inter linkages between Economics and Culture as part of his Masters in Public Policy programme. The experiences gained from a research internship at the Evidence for Policy Design (EPoD) for Harvard University and field work as the Advisor to the ENACTUS St. Stephen's College, have provided him with significant insights and operational tools to formulate innovative policies for the fulfilment of Sustainable Development Goals (SDGs).

Starting from a simple introduction to the concept of sustainable development in a science textbook in 2005, over years, Ambardar's research interests have evolved to combine culture, creativity and economic development. As a part of his specialisation in Cultural Policy and Management at the School of Public Affairs, Ambardar is exploring the role of creative industries in the emerging "creative economy" as a medium to fulfil the goal of inclusive and sustainable economic growth. Under the SDG Professional Certificate Programme, Ambardar wants to study how sustainable economic productivity can be achieved by focusing on high value added and labour-intensive sectors of the cultural and creative economy.

There are a very few organisations across the world which are involved in path breaking work in the field of culture driven sustainable economic growth and United Nations Educational, Scientific and Cultural Organisation (UNESCO) is leading them all. Ambardar aspires to work in this multilateral institution and strongly believes that the SDG Certificate program shall hone his skills to be able to take up the crucial matters of sustainable and inclusive development, while keeping culture at the forefront.



### *Valeria Moraga*

Valeria is studying a dual degree master in Public Policy offered by Sciences Po Paris and Columbia University in the city of New York (2017 -2019). She graduated with honors from Universidad de Chile with a degree in Business Administration and Economics in 2013. After her graduation and before entering the master she worked in the Ministry of Economy of Chile between 2015 and 2017, implementing the recommendations from the OECD to create the first national agency for the promotion of foreign investment in Chile. Previous to joining the Ministry of Economy, she worked in MatrixConsulting, a management consulting firm specialized in strategic consulting for the Latin American market between 2013 and 2015.

Valeria's first international experience was a six months Erasmus program in Toulouse Business School in France in 2012. The same year she interned at L'Oréal Chile for six months.

Valeria is very interested in gender and social inequalities. She co-led the Women Initiative Network to promote gender equality in consulting while she was working in MatrixConsulting and was a volunteer teacher in Preufen, a Chilean educational project focused in supporting the learning of vulnerable students and providing them tools in order to increase their possibilities of entering into higher education.

Valeria speaks native Spanish, advanced English and intermediate French. She loves sports and she is a highly motivated traveler. She was born in Santiago, Chile, has two sisters and her family has supported her unconditionally in all her projects.

She received a scholarship from the Chilean Government due to her academic excellence that funds her Masters with a focus on building advanced human capital to promote international cooperation and strengthen the economic, social and cultural development of Chile.

## NOTES

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