



Selected Examples of Health Theme Projects
(as of March 11th, 2020)

Focus Area	Project Name	Project Description & Type(s) of Technology	Related Sustainable Development Goal(s)	Geographical Coverage	Type of Partnership	Partnering Lab	Project Status
Maternal, newborn & child health (MNCH)	Increasing accessibility of MNCH knowledge.	<ol style="list-style-type: none"> Artificial intelligence driven digital application to provide MNCH advice & adopted clinical information. Digital platform capturing user sentiments for use in public health service improvements. 	<p><i>SDG 3: Ensure healthy lives & promote well-being for all at all ages.</i></p> <ul style="list-style-type: none"> SDG 3.1: Reduce global maternal mortality ratio to <70 per 100 000 live births by 2030. SDG 3.2: End preventable deaths of newborns (to at least as low as 12 per 1 000 live births) and children under-5 (to at least as low as 25 per 1 000 live births). 	Kenya Rwanda Malaysia (TBC)	Field pilot		Initiation - Submitted to OS&IP Advisory Group
Antimicrobial resistance	Monitoring antibiotic resistance in the environment.	Digital platform for surveillance & reporting of data on antibiotic resistant bacteria in the environment.	<p><i>SDG 3: Ensure healthy lives & promote well-being for all at all ages.</i></p> <ul style="list-style-type: none"> SDG 3.D: Strengthen capacity for early warning, risk reduction & management of national & global health risks. 	Finland Burkina Faso Indonesia Malaysia, Egypt, India (TBC)	Co-creation	UNTIL India	Initiation - Submitted to OS&IP Advisory Group



<p>Access to healthcare services</p>	<p>Digital Hospital Project</p>	<p>Digital platform & call centre (staffed primarily by female doctors) for:</p> <ol style="list-style-type: none"> Users to request medical reviews & basic diagnostic sample collections at home. Dissemination of public health awareness messages & geospatial analysis of disease patterns. 	<p><i>SDG 3: Ensure healthy lives & promote well-being for all at all ages.</i></p> <ul style="list-style-type: none"> SDG 3.8: Achieve access to quality essential healthcare services. <p><i>SDG 5: Achieve gender equality & empower all women & girls.</i></p> <p><i>SDG 8: Decent work & economic growth.</i></p>	<p>Bangladesh</p>	<p>Co-creation</p>		<p>Initiation – Lol signed</p>
<p>Sexual and reproductive health & gender-based violence (GBV)</p>	<p>Empowering survivors of GBV</p>	<p>Artificial intelligence based digital application to provide step-by-step advice & and an anonymous peer to peer support network for survivors of GBV.</p>	<p><i>SDG 3: Ensure healthy lives & promote well-being for all at all ages.</i></p> <p><i>SDG 5: Achieve gender equality & empower all women & girls.</i></p> <p><i>SDG 16: Promote peaceful & inclusive societies for sustainable development, provide access to justice for all & build effective, accountable & inclusive institutions at all levels.</i></p>	<p>Finland (Pilot)</p>	<p>Co-creation</p>		<p>Initiation – Lol signed</p>

Selected Examples of Education Theme Projects

Focus Area	Programme Name	Project Description & Type(s) of Technology	Related Sustainable Development Goal(s)	Geographical Coverage	Type of Partnership	Partnering Lab	Project Status
Learnability, Earnability and Sustainability: closing the skills and sustainability gap	Zero Waste Learning	<ol style="list-style-type: none"> Adaptive skills map: leveraging big data analytics and machine learning to identify gaps and design relevant learning offerings in real time while minimizing <i>learning waste</i> (ie. time, resources, missed opportunities) Skills Identification: blockchain-based inclusive and trusted skills verification system, that proves gained skills and the source validating the skill level to capitalize them on a lifelong learning journey 	<p><i>SDG 4: Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all</i></p> <ul style="list-style-type: none"> SDG 4.4: By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship. SDG 4.7: By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development. <i>Secondary goals:</i> SDG 8.6: Reduce the proportion of youth not in employment, education or training. SDG 12.8: Ensure that people everywhere have the relevant information and awareness for sustainable development and lifestyles in harmony with nature. 	Mauritius, Rwanda and Finland	Co-creation		Initiation – Lols signed



<p>Sustainability, Learnability and Scalability: Gaming for personalized literacy development</p>	<p>Gaming for 21st century Literacy</p>	<ol style="list-style-type: none"> 17 gamified micro modules related to each Sustainable Development Goal (SDG) to improve sustainable and digital literacy Evidence-based literacy gamified application and computer-assisted reading intervention for learning fundamentals of reading in Hindi language: decoding & phonics. Special focus on supporting children with reading disability (dyslexia) 	<p><i>SDG 4: Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all</i></p> <ul style="list-style-type: none"> SDG 4.1.1: Proportion of children and young people: in grades 2/3; at the end of primary; and at the end of lower secondary achieving at least a minimum proficiency level in reading and mathematics, by sex. SDG 4.2: By 2030, ensure that all girls and boys have access to quality early childhood development, care and pre-primary education so that they are ready for primary education. SDG 4.6: By 2030, ensure that all youth and a substantial proportion of adults, both men and women, achieve literacy and numeracy. SDG 4.7: By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development. 	<p>India, initially</p>	<p>Co-creation</p>	<p>UNTIL India</p>	<p>Initiation - Submitted to OS&IP Advisory Group</p>
<p>Scalability, Earnability and Smarter together: accelerating inclusive EdTech innovation</p>	<p>Impact Accelerator</p>	<p>Impact accelerator of education technology innovations in emerging markets: leveraging rapid experimentation and impact measuring in learning contexts for scalable solutions</p>	<p><i>SDG 4: Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all</i></p>	<p>Preliminary countries: India, Uzbekistan, Kazakhstan, Kenya.</p>	<p>Co-creation</p>		<p>Initiation – LoI signed</p>



Selected Examples of Circular Economy Theme Projects

Focus Area	Project Name	Project Description & Type(s) of Technology	Related Sustainable Development Goal(s)	Geographical Coverage	Type of Partnership	Partnering Lab	Project Status
Circular Economy of Food Systems	Marine Debris Solution	<ol style="list-style-type: none"> Reducing plastic pollution entering the Arabian oceans via Mithi river in Mumbai via establishing an evidence-based picture of plastic debris entering the oceans for targeted action. Sensors mounted on drones provide data on floating waste flows to complement historical data and records. Utilisation of optical red-green-blue (RGB), thermal infrared (TIR) and hyperspectral (HS) sensors enables pinpointing of the floating debris and distinguishing plastics from other floating material. 	<ul style="list-style-type: none"> <i>SDG 2: End hunger, achieve food security and improved nutrition and promote sustainable agriculture</i> <i>SDG 3: Ensure healthy lives and promote well-being for all at all ages</i> <i>SDG 6: Ensure availability and sustainable management of water and sanitation for all</i> <i>SDG 8: Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all</i> <i>SDG 9: Build resilient infrastructure, promote inclusive and sustainable industrialisation and foster innovation</i> <i>SDG 11: Make cities and human settlement inclusive, safe, resilient and sustainable</i> <i>SDG 12: Ensure sustainable consumption and production patterns</i> <i>SDG 14: Conserve and sustainably use the oceans, seas and marine resources for sustainable development</i> 	India	Co-creation		Initiation – Concept note



Circular packaging	Package Heroes	<ol style="list-style-type: none"> 1. Co-creating sustainable food packaging solutions, based on recyclable and biodegradable cellulose materials and new food delivery, consumption, and recycling concepts. 2. Artificial intelligence (AI) and Internet of Things (IoT) solutions to supplement packaging redesign, revamping recycling programs, and reimagining the way consumers use and reuse everyday products 	<ul style="list-style-type: none"> • <i>SDG 11: Make cities and human settlement inclusive, safe, resilient and sustainable</i> • <i>SDG 12: Ensure sustainable consumption and production patterns</i> • <i>SDG 14: Conserve and sustainably use the oceans, seas and marine resources for sustainable development</i> • <i>SDG 17: Revitalize the global partnership for sustainable development with collaboration from governments, civil society and the private sector</i> 	Finland, Netherlands, India and Nigeria	Field testing		Initiation – Lol signed
Circular Economy of Food Systems	Supercircularfarm	<ol style="list-style-type: none"> 1. Circular bio-products and fertilisers: demonstrating solutions to improve agricultural productivity, circularity, resource efficiency and sustainability as well as prosperity of smallholder farmers and other agri-food system actors as well as supporting market entry, entrepreneurship of women and employment of young people. 2. Developing knowledge-based digital solutions to monitor and improve agricultural productivity as well as to create business opportunities establishing fast and direct communication among VC actors. 	<ul style="list-style-type: none"> • <i>SDG 2: End hunger, achieve food security and improved nutrition and promote sustainable agriculture</i> • <i>SDG 3: Ensure healthy lives and promote well-being for all at all ages</i> • <i>SDG 6: Ensure availability and sustainable management of water and sanitation for all</i> • <i>SDG 8: Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all</i> • <i>SDG 11: Make cities and human settlement inclusive, safe, resilient and sustainable</i> • <i>SDG 12: Ensure sustainable</i> 	South Africa, Kenya and Nigeria	Co-creation		Initiation - EU proposal submitted with partners



			<p><i>consumption and production patterns</i></p> <ul style="list-style-type: none"> • <i>SDG 14: Conserve and sustainably use the oceans, seas and marine resources for sustainable development</i> 			
<p>Circular Electronics, Circular Textiles, Circular Pulp and Paper, Circular Packaging and Circular Economy of Food Systems</p>	<p>Sustainable Manufacturing and Environmental Pollution Programme</p>	<ol style="list-style-type: none"> 1. Developing cloud platform for digital waste management with features including one-click waste pick-up and compliance-ready documentation on the type and amount of waste. 2. Developing decentralized waste management model transforming waste to energy incorporating IoT to gather data, monitor and communicate best waste practices. 3. Developing mobile and web application providing recyclability information to end-users on products and packaging with an integrated reward system. 4. Developing online platform offering tailoring services to repair damaged clothing items, extending their use cycle. 5. Developing online platform offering refurbished electronics through a network of independent refurbishers as the way to achieve product life extension. 	<ul style="list-style-type: none"> • <i>SDG 3: Ensure healthy lives and promote well-being for all at all ages</i> • <i>SDG 6: Ensure availability and sustainable management of water and sanitation for all</i> • <i>SDG 8: Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all</i> • <i>SDG 9: Build resilient infrastructure, promote inclusive and sustainable industrialisation and foster innovation</i> • <i>SDG 11: Make cities and human settlement inclusive, safe, resilient and sustainable</i> • <i>SDG 12: Ensure sustainable consumption and production patterns</i> • <i>SDG 14: Conserve and sustainably use the oceans, seas and marine resources for sustainable development</i> 	<p>Sub-Saharan Africa (Ghana, Senegal, DR Congo, Zambia, Ethiopia, Kenya, Tanzania and Zambia) and South East Asia (Pakistan, Nepal and Bangladesh)</p>	<p>Field testing</p>	<p>Initiation - MoU with UNCTAD pending</p>



Selected Examples of Peace & Security Theme Projects

Focus Area	Project Name	Project Description & Type(s) of Technology	Related Sustainable Development Goal(s)	Geographical Coverage	Type of Partnership	Partnering Lab	Project Status
Discovering and delivering solutions for building peace	Data for Peace in fragile and conflict affected contexts	<ol style="list-style-type: none"> Supporting robust and transparent data collection and analysis from fragile contexts. Creating easily accessible information through improved visualisation and use of digital tools. 	<p><i>SDG 16: Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels</i></p> <ul style="list-style-type: none"> <i>16.7: Ensure responsive, inclusive, participatory and representative decision-making at all levels</i> <i>16.10: Ensure public access to information and protect fundamental freedoms, in accordance with national legislation and international agreements</i> 	Kosovo	Co-creation		Initiation
Digital innovation, data and analysis tools for preventing conflict	AI for mediation	Artificial Intelligence enhanced mediation tool for issue mapping and sequencing to optimize mediation.	<p><i>SDG 16: Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels</i></p> <ul style="list-style-type: none"> <i>16.7: Ensure responsive, inclusive, participatory and representative decision-making at all levels</i> 	tbc	Co-creation		Initiation – Concept note update



Digital innovation, data and analysis tools for preventing conflict	OpenGIS and satellite imagery for fragile contexts	OpenGIS and satellite data for increasing opportunities for improved situational analysis in fragile contexts and conflict affected areas.	<i>SDG 16: Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels</i>	tbc	Co-creation		Initiation – LoI signed
Discovering and delivering solutions for building peace	Gaming for peace	Piloting and contextualising existing gaming platforms to i) support local level peace efforts ii) develop digital tools for impact measuring for youth engagement.	<i>SDG 16: Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels</i> <i>This project also supports the realization of UNSCR 2250’s prevention pillar.</i>	tbc	Scaling		Initiation – LoI signed
Discovering and delivering solutions for building peace	Digital tools for inclusive peace processes	Digital platform for use both on and off-line to engage and support women peace actors.	<i>SDG 16: Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels</i> <ul style="list-style-type: none"> • <i>16.7: Ensure responsive, inclusive, participatory and representative decision-making at all levels</i> <i>SDG 5: Achieve gender equality and empower all women and girls</i> <ul style="list-style-type: none"> • <i>5.5 Ensure women’s full and effective participation and equal opportunities for leadership at all levels of decision-making in political, economic and public life</i> • <i>5.b Enhance the use of enabling</i> 	tbc	Co-creation		Initiation



			<p><i>technology, in particular information and communications technology, to promote the empowerment of women</i></p> <p><i>This project is also in line with the women, peace and security agenda with focus on UNSCR 1325 participation pillar.</i></p>				
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Selected Examples of Other Projects

Focus Area	Project Name	Project Description & Type(s) of Technology	Related Sustainable Development Goal(s)	Geographical Coverage	Type of Partnership	Partnering Lab	Project Status
Assessing SDG progress	SDG sentiment data platform	Digital platform for citizen science based sentiment data collection on the SDGs, starting with environmental data	<p><i>All SDGs, starting initially with SDG 13 and SDG15:</i></p> <ul style="list-style-type: none"> <i>SDG 13: Take urgent action to combat climate change and its impacts</i> <i>SDG 15: Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss</i> 	<p>Finland</p> <p>Other countries tbc</p>	Co-creation		Initiation - Approved by OS & IP Advisory Group