SISCODE CO-DESIGN FOR
SOCIETY IN INNOVATION
AND SCIENCE

General		
	Co-creation for policymakers: an introductory course https://youtu.be/yhVCeXQdG1s Check out what the MOOC developed by SISCODE has in store for you. SISCODE aims to explore transformations in projects and organisations, as well as to experiment with innovative policy making processes resulting from the interaction with citizens and stakeholders. This five-week course will provide both solid background information and practical instructions on how to set up and conduct activities.	Alessandro Deserti Full professor and Director of the Department of Design POLITECNICO DI MILANO

WEEK 1: WHY DO WE NEED INNOVATION IN POLICYMAKING?		
	An introduction to design for policymaking https://youtu.be/U8c0_Z4RNBk Christian Bason, CEO of the Danish Design Centre, discusses the need for innovation and design methodologies in policymaking.	Christian Bason CEO DANISH DESIGN CENTRE
	The Right Way to Lead Design Thinking https://hbr.org/2019/03/the-right-way-to-lead-design-thinking Even more than other change-management processes, design thinking requires active and effective leadership to keep efforts on a path to success. Our in-depth study of almost two dozen major projects within large private- and public-sector organisations in five countries suggests that effective leadership is critical to success. We focused not on how individual design-thinking teams did their work but on how the senior executives who commissioned the work interacted with and enabled it.	

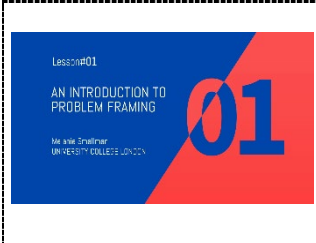|		
	The benefits of co-creation https://youtu.be/qgqC3LKRICY Melanie Smallman, Associate Professor at University College London (UCL) presents the benefits that co-design and co-creation can bring to policymaking and social innovation.	Melanie Smallman Associate Professor Science & Technology Studies UNIVERSITY COLLEGE LONDON
	Co-design in policy: learning by 'doing' https://openpolicy.blog.gov.uk/2019/01/11/co-design-in-policy-learning-by-doing/ Drawing on examples from the Lab's recent work with the Department for Transport's (DfT) Maritime Technology team, this blog post will reflect on how a more kinaesthetic - learning through doing - design approach might be adopted at different stages in the policymaking process. Our brief was to help the policy team shape their future vision and technology strategy through a series of consultation workshops with key stakeholders.	
	Co-creation from a human-centered perspective https://youtu.be/uQBLNkhTP7w Sabine Junginger, head of the Competence Centre for Design & Management at Lucerne University of Applied Sciences and Arts, describes the importance of putting humans back at the centre of the policymaking process.	Sabine Junginger Professor, Head Competence Centre Design & Management LUCERNE UNIVERSITY OF APPLIED SCIENCES AND ARTS
	The concept of co-creation https://youtu.be/5xm3SojjEok Christian Bason, CEO of the Danish Design Centre, introduces the concept of co-creation and the process behind this multi-stakeholder methodology.	Christian Bason CEO DANISH DESIGN CENTRE

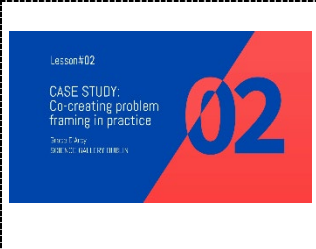|		
WEEK 2: HOW CAN HUMAN-CENTRICITY AND CO-CREATION IMPROVE POLICIES?		
01 Lesson#01 HUMAN-CENTRED DESIGN FOR THE PUBLIC SECTOR Francesca Rizzo POLITECNICO DI MILANO	**Human-centred design for the public sector** https://youtu.be/T7G4nmKEMxY Francesca Rizzo, Full Professor at the Department of Design of Politecnico Di Milano, defines the user-centred culture and the potential of this method for policymaking.	Francesca Rizzo Full Professor Department of Design POLITECNICO DI MILANO
Designing human-centred organisational culture	**Designing human-centred organisational culture** https://uxdesign.cc/designing-human-centred-organisational-culture-4ae18b5ea96d?gi=67e6cfc1a891 When presented with options, most people choose the option that aligns with whatever they're incentivised to do within their workplace — even if it is at odds with that they believe to be right. Incentives drive behaviour. Reflecting on the initial fallout of the Hayne Royal Commission, Peter Collins said: "…businesses continually set up incentive schemes and talk of being committed to the best interests of their customers, yet incentivise their employees to sell. It's an ethical trap…and it is almost impossible for rational employees not to sell."	
02 Lesson N02 EMBEDDING DESIGN FOR INNOVATION IN POLICYMAKING Marzia Mortati POLITECNICO DI MILANO	**Embedding design for innovation in policymaking** https://youtu.be/UKIzL7-Ujj4 Marzia Mortati, Assistant Professor at the Department of Design of Politecnico Di Milano, illustrates how design methodologies can help to build relevant and useful policies.	Marzia Mortati Assistant Professor Department of Design POLITECNICO DI MILANO
03 Lesson#03 CASE STUDY: Public sector innovation - InLand Design Mariana Salgado INLAND DESIGN, MINISTRY OF THE INTERIOR FINLAND	**CASE STUDY: Public sector innovation - Inland design** https://youtu.be/CektjeQNmhU Mariana Salgado from Inland Design describes how their initiative of directly involving citizens and users from the start of their design process allowed them to build a robust and effective service.	Mariana Salgado "Senior Designer & Researcher INLAND DESIGN FINNISH INTERIOR MINISTRY"

Co-designing a HR chatbot personality	**Co-designing a HR chatbot personality** https://medium.com/inland/co-designing-a-hr-chatbot-personality-2d05caac70ac Specific article on how the personality of KAMU has been designed and developed and why this has been one of the fundamental phases of its development.	
	Service design for policy implementation https://youtu.be/H63zMAY7uuI Beatrice Villari, Associate professor at the Department of Design of Politecnico di Milano outlines the use of service design in the context of policymaking.	Beatrice Villari Associate Professor Department of Design Co-Director of the Specializing Master in Service Design POLITECNICO DI MILANO

WEEK 3: HOW CAN PROBLEMS AND THEIR ROOT CAUSES BE IDENTIFIED AND FRAMED?		
	An introduction to problem framing https://youtu.be/iwNhE1wws6M Melanie Smallman, Associate Professor at University College London (UCL), underlines the importance of the Problem framing phase when one looks for a solution.	Melanie Smallman Associate Professor Science & Technology Studies UNIVERSITY COLLEGE LONDON
	Problem framing and co-creation https://i2insights.org/2016/10/27/problem-framing-and-co-creation/ This blog post explains how to involve different perspectives to frame a problem.	

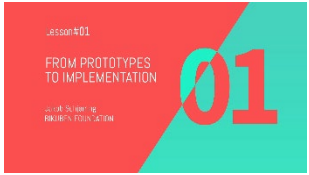|		
	CASE STUDY: Co-creating problem framing in practice https://youtu.be/hbwkCpeahkY Grace D'Arcy, Project Manager at Science Gallery Dublin, shares her experience in co-creating with teenagers and describes how the problem identified has to be reframes based on the participants' input.	Grace D'Arcy Project Manager SCIENCE GALLERY DUBLIN
	Tools to engage stakeholders in problem framing https://youtu.be/w0XUMIBTJu8 Lucie Steigleder, Project Manager at Ecsite, presents different participatory tools that can be used in the problem framing phase of the co-creation process.	Lucie Steigleder Project Manager ECSITE

WEEK 4: HOW CAN CO-DESIGN BE USED TO SOLVE COMMUNITY PROBLEMS?

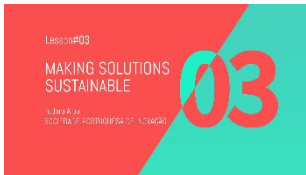|		
	Enhancing the core values and tools of prototyping https://youtu.be/AxPpEq1BXIQ Gène Bertrand, Responsible for Program Development at Continium Discovery Centre, describes prototyping as an experiment process within design thinking.	Gène Bertrand Responsible for Program Development CONTINIUM DISCOVERY CENTRE
	ILLUSTRATION: Prototyping for circular transitions https://youtu.be/x9GD_ah9yZE Asger Nørregård Rasmussen, Community and Lab Manager at MAKER, introduces the PIPO initiatives that support circular transition using leftover plastic.	Asger Nørregård Rasmussen Community and Lab Manager MAKER
	ILLUSTRATION: Prototyping policy programs with regional authority https://youtu.be/KPiWExOEB5Y	Agnieszka Włodarczyk-Gębik Project Manager KRAKOW TECHNOLOGY PARK

	Agnieszka Włodarczyk-Gębik, project manager, describes the Air Protection Programme that was developed by Marshall Office of Malopolska Region in partnership with Krakow Technology Park, and insist on the importance for collaborative processes when developing public policies.	
	New roles for policy makers to support prototyping https://youtu.be/3MtPYJW6Jfs Kate Amstrong, Communications Lead at IAAC|FAB LAB BARCELONA, identifies the new roles of policymakers for supporting prototyping and citizen engagement facilities.	Kate Amstrong Communications Lead IAAC|FAB LAB BARCELONA
	Labs as ambassador of prototyping To get a better feeling of the different kinds of labs that can be ambassadors of prototyping, please have a look at the following websites: • Fab Lab Network: European Network of Fab Labs: https://fablabs.io/ • ENoLL: European Network of Living Labs: https://enoll.org/about-us/ • Ecsite: European Network of Science centres and Science museums: https://www.ecsite.eu/about/mission	

WEEK 5: HOW CAN SOLUTIONS BE IMPLEMENTED AND SUSTAINED OVER TIME?

	From prototypes to implementation https://youtu.be/LNDJHaLOBOU Jakob Schørring, Concept Developer at the Bikuben Foundation, shares his insights on Lean Startup, an innovation framework that bridges the gap between prototyping and implementation of solutions.	Jakob Schørring Concept Developer BIKUBEN FOUNDATION

	Solving government's problems with a Silicon Valley mindset https://apolitical.co/en/solution_article/solving-governments-problems-with-a-silicon-valley-mindset The start-up community in Silicon Valley has always been good at developing innovation frameworks that can improve the likelihood of developing a new product or service that can succeed on the market. For the public sector innovation community, many of these frameworks and approaches might seem too commercial for tackling big, complex societal issues. Some of them are indeed relevant for public servants as well.	
	Monitoring and assessment https://youtu.be/QPdT4y8UpbQ Alessandro Deserti, Full professor and Director of the Department of Design at Politecnico Di Milano, exposes different methods to assess and monitor co-creation and participative processes in policymaking.	Alessandro Deserti Full professor and Director of the Department of Design POLITECNICO DI MILANO
	Making solutions sustainable https://youtu.be/MeXeDX1RZjE Tedora Aibu, Project Analyst at Sociedade Portuguesa De Inovação, presents how solution developed with citizens can be made sustainable.	Tedora Aibu Project Analyst SOCIEDADE PORTUGUESA DE INOVAÇÃO
	Co-designing sustainable solutions through design leadership https://medium.theuxblog.com/co-designing-sustainable-solutions-through-design-leadership-f41f545b9ac5 Design leaders should be delivering a deep understanding of the power of co-design with a strong focus on idea implementation. The problem is we are cultivating our own importance rather than promoting the design process and building the mindset required in stakeholders. Design should not just be for the horn-rimmed snobs, other designers and for those in the know…that becomes preaching to the choir.	