Francesca Bria will present the Barcelona Digital City Plan: Towards Technological Sovereignty, an ambitious plan that put people first and uses data and technology to transform the city and tackle urban challenges such as sustainable mobility, energy transition, affordable housing, the creation of public space and participatory democracy. She will outline projects such as open data and participatory budgeting that use technology to make government more transparent, participatory and collaborative. She present Barcelona's smart infrastructure projects such as the open source sensor platform Sentilo and the urban data analytics platform CityOS that allows to better  manage public services using data to monitor energy, noise, water metering, at the same time allowing startups to use the platform to test new solutions such as garbage collection, parking and mobility solutions etc.  She will present a new Europe-wide project DECODE that uses blockchain technology to give back data sovereignty to people, or a city pilot that uses cryptocurrency to issue basic income for the citizens of Barcelona. Finally, she will describe the key element of the Barcelona's model, which is a large scale participatory democracy experiment that is an hybrid model of digital democracy and offline democracy where thousands of citizens can participate in shaping the policies of the city, propose ideas and propose how to implement them.