

# A new data deal: the case of Barcelona

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#### About the Institute for Innovation and Public Purpose

The UCL Institute for Innovation and Public Purpose (IIPP) aims to develop a new framework for creating, nurturing and evaluating public value in order to achieve economic growth that is more innovation-led, inclusive and sustainable.

We intend this framework to inform the debate about the direction of economic growth and the use of mission-oriented policies to confront social and technological pgo)-pg a)-2t(ti1 ()\_i32ti)n\_bitk\_116(nt)=pt\_132tin\_bitk\_116(nt)=pt\_132ti)n\_bitk\_116(nt)=pt\_132ti)n\_bitk\_116(nt)=pt\_132ti)n\_bitk\_1

A key pillar of IIPP's research is its understanding of markets as outcomes of the interactions between different actors. In this context, public policy should not be seen as simply fixing market failures but also as actively shaping and co-creating markets. Re-focusing and designing public organisations around mission-led, public purpose aims will help tackle the grand challenges facing the 21st century.

IIPP is housed in The Bartlett, a leading global Faculty of the Built Environment at University College London (UCL), with its radical thinking about space, design and sustainability.

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Fernando Monge, Sarah Barns, Rainer Kattel and Francesca Bria



# 1. Introduction

# 1.1 Cities and the rise of data sovereignty

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2.2 A democratic digital agenda for Barcelona: 2015-2019

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Figure 1. Key Components of Barcelona Digital Programme

Source: City of Barcelona 2017.

## 2.3 A new data deal: key principles

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4.3 Spreading the digital rights and data sovereignty agenda beyond Barcelona

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# References



IIPP WP 2019-12 Innovation bureaucracies: How agile stability creates the entrepreneurial statete

- IIPP WP 2021/08 Lessons from the past 2<sup>qt</sup> century systems of statewned enterprises: The case of Italy's IRI in the 1930s Simone Gasperin.
- IIPP WP 2021/09 <u>Building state capacities and dynamic capabilities to drive social and economic development: The case of South Africa Mariana Mazzucato, Mzukisi Qobo, Rainer Kattel.</u>
- IIPP WP 2021/10 Mission-oriented policies and the "Entrepreneurial State" at work: An agbased exploration Giovanni Dosi, Francesco Lamperti Mariana Mazzucat Mauro Napoletano Andrea Roventini.
- IIPP WP 2021/12 <u>Heterogenous investors, scale economies & the commercialisation of innovative renewable e</u> **Grego**r Semieniuk, Joé Alejandro Coronado, Mariana Mazzucato.
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