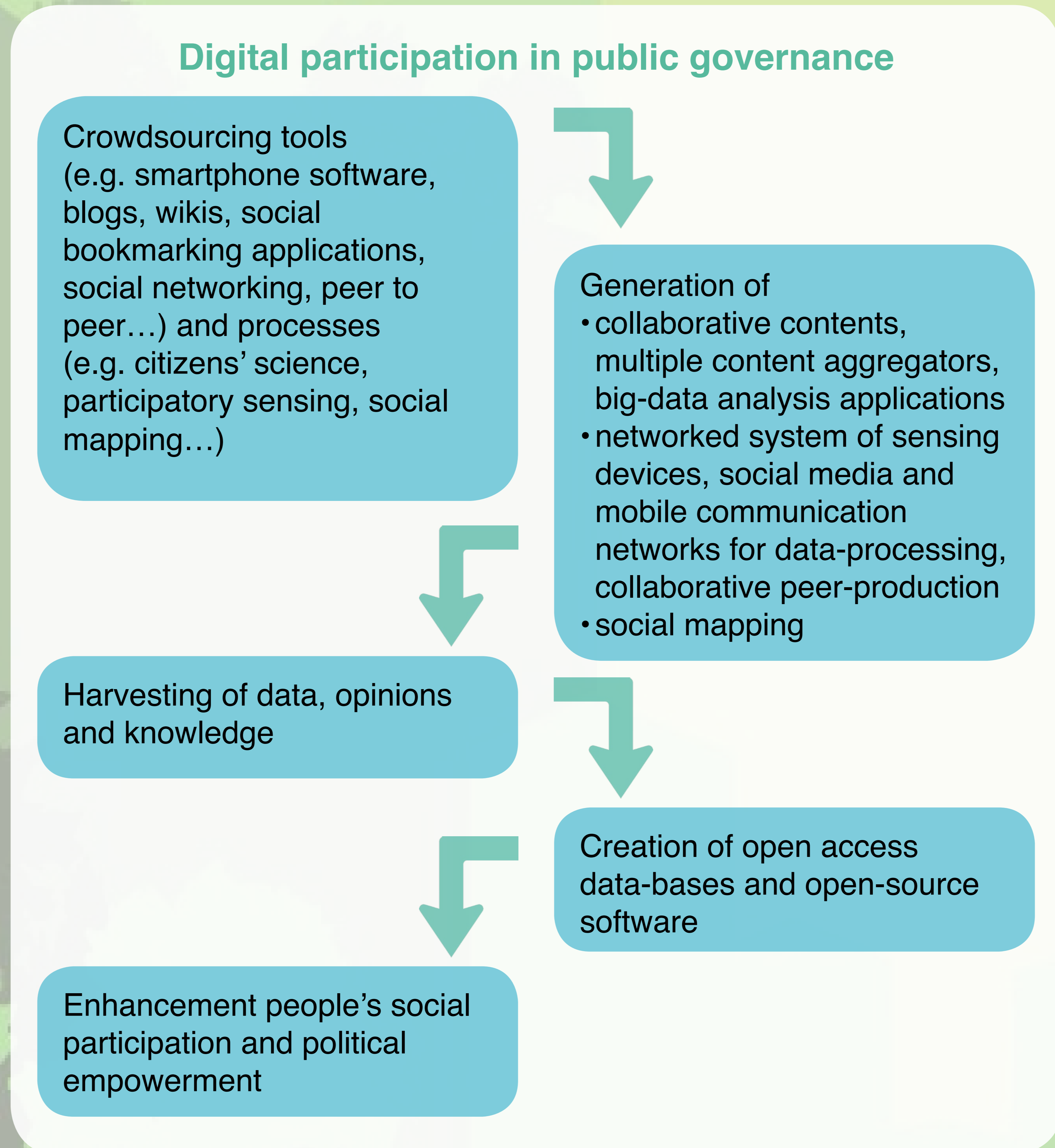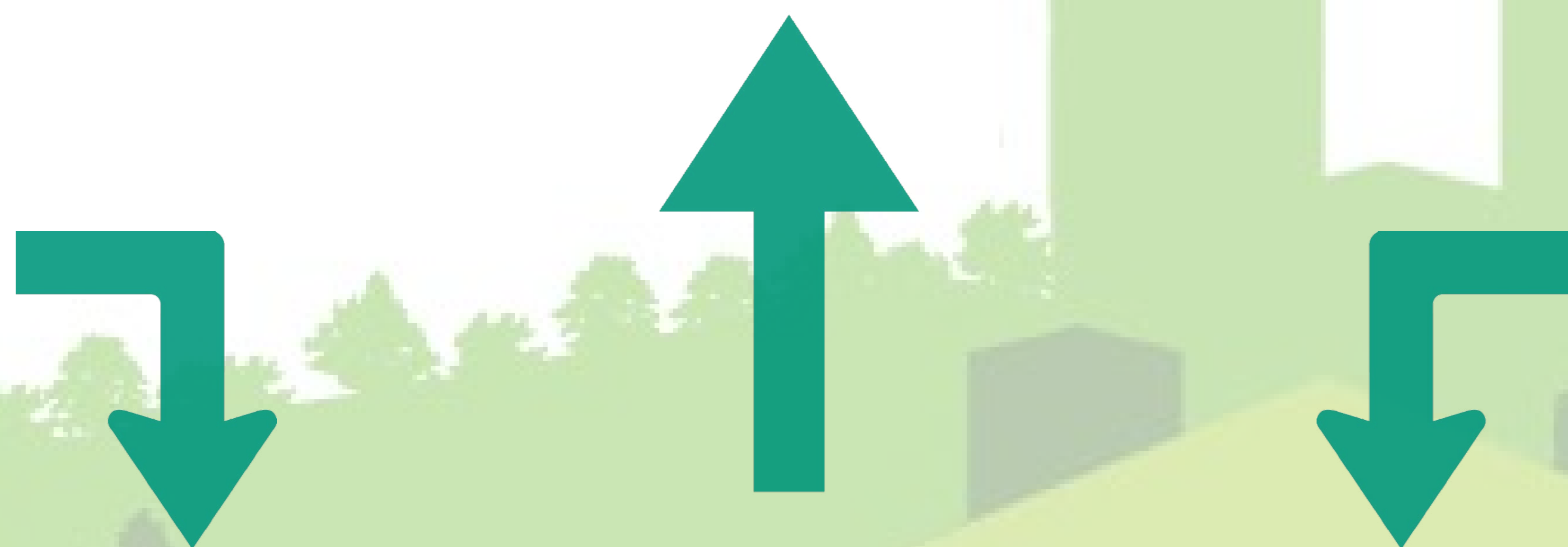# CROWD_USG
Crowdsourcing Urban Sustainability Governance

CROWD_USG

How crowdsourcing processes transform the governance of urban sustainability?

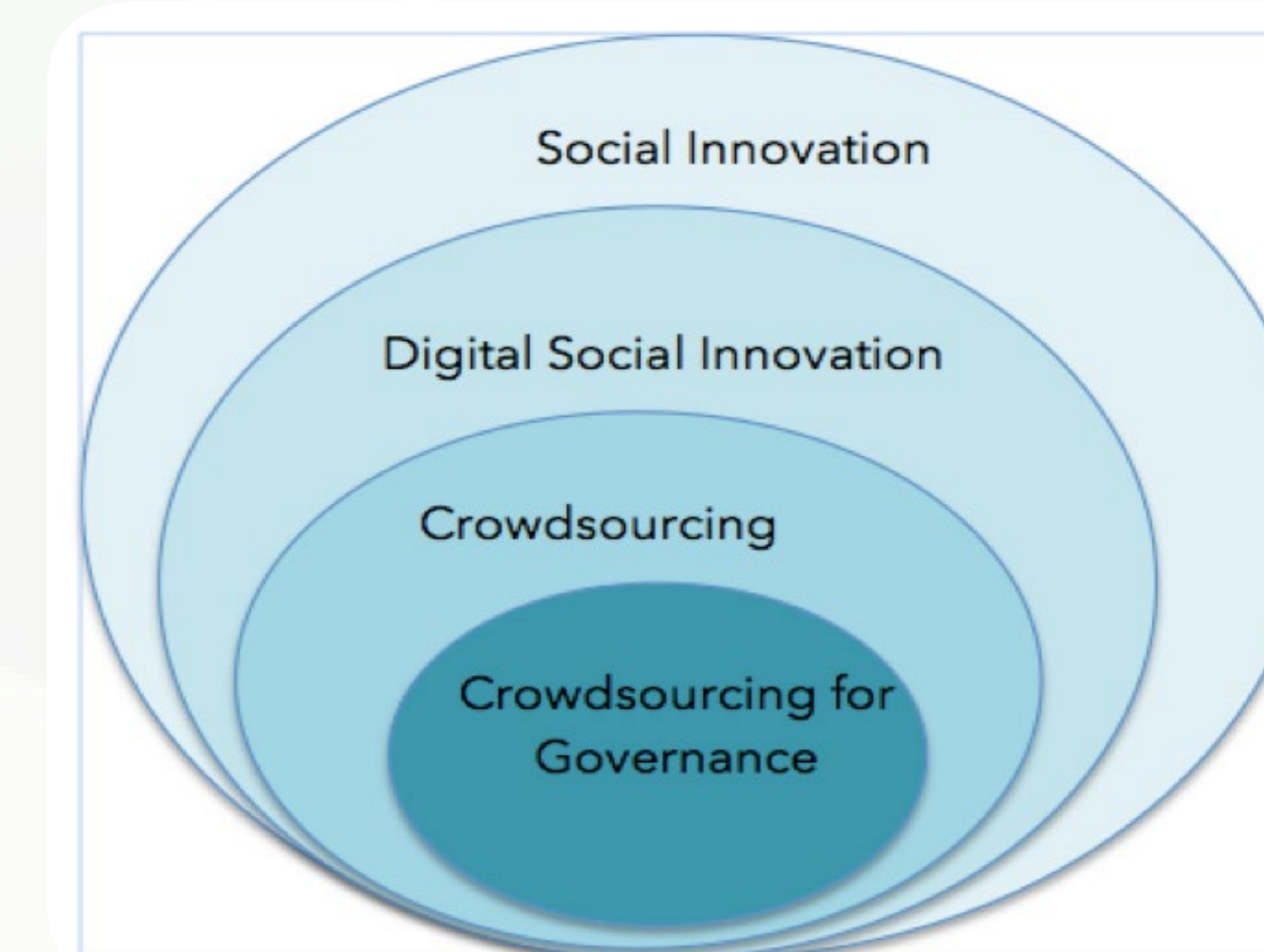## Urban Sustainability: a multidimensional challenge

Europe2020 goals include the creation of a smart, sustainable and inclusive Europe. Cities are the spaces for experimenting innovative strategies for sustainability governance, which requires a balance between environmental protection measures, social cohesion and the provision of democracy. The adoption of participatory and transparent approaches in knowledge production and policy-making fosters innovative and collaborative governance processes toward ecological, social and economic transition.
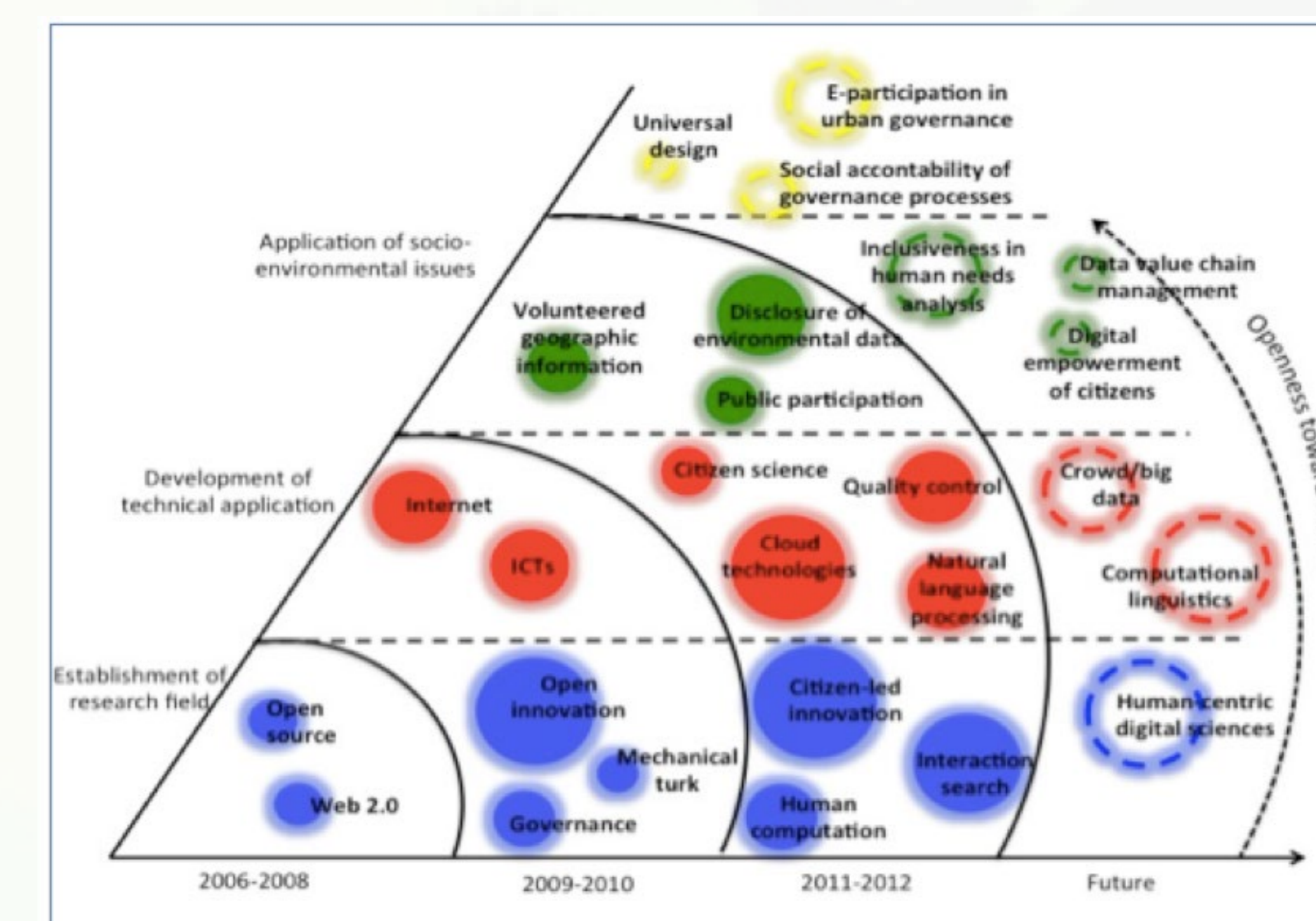
URBAN SUSTAINABILITY GOVERNANCE

Participation: people involvement in knowledge production and decision-making

Multidimensionality: balance of the ecological/environmental measures with social measures

Transparency: advancing effective democratic institutions

Equality: mechanism to promote social and environmental justice (recognition, redistribution, empowerment)

Adaptability: progressive and dynamic goal-changing agenda

Purposiveness: operationalize principles of ecosystem protection, environmental management and human needs

Cooperation (external): links between international and transnational actors in order to global environmental goals

Collaboration (internal): substantive agenda sharable by institutions, businesses, civil society organisations, NGOs and people based on reciprocity

Digital participation in public governance

Crowdsourcing tools (e.g. smartphone software, blogs, wikis, social bookmarking applications, social networking, peer to peer…) and processes (e.g. citizens' science, participatory sensing, social mapping…)

Generation of
• collaborative contents, multiple content aggregators, big-data analysis applications
• networked system of sensing devices, social media and mobile communication networks for data-processing, collaborative peer-production
• social mapping

Harvesting of data, opinions and knowledge

Creation of open access data-bases and open-source software

Enhancement people's social participation and political empowerment

Crowdsourcing for Society

Any open call format fostering people's innovation potential in collective solutions definition, including information gathering, large-scale data analysis, ideation problems, policy-making, and contribution in research.

Positioning of crowdsourcing in the social innovation field

Social Innovation
Digital Social Innovation
Crowdsourcing
Crowdsourcing for Governance

Emerging trends in crowdsourcing R&A

(From C.Certomà, F. Rizzi and F. Corsini (2015) "Crowdsourcing urban sustainability. Data, people and technologies in participatory governance", *Futures*, 74)