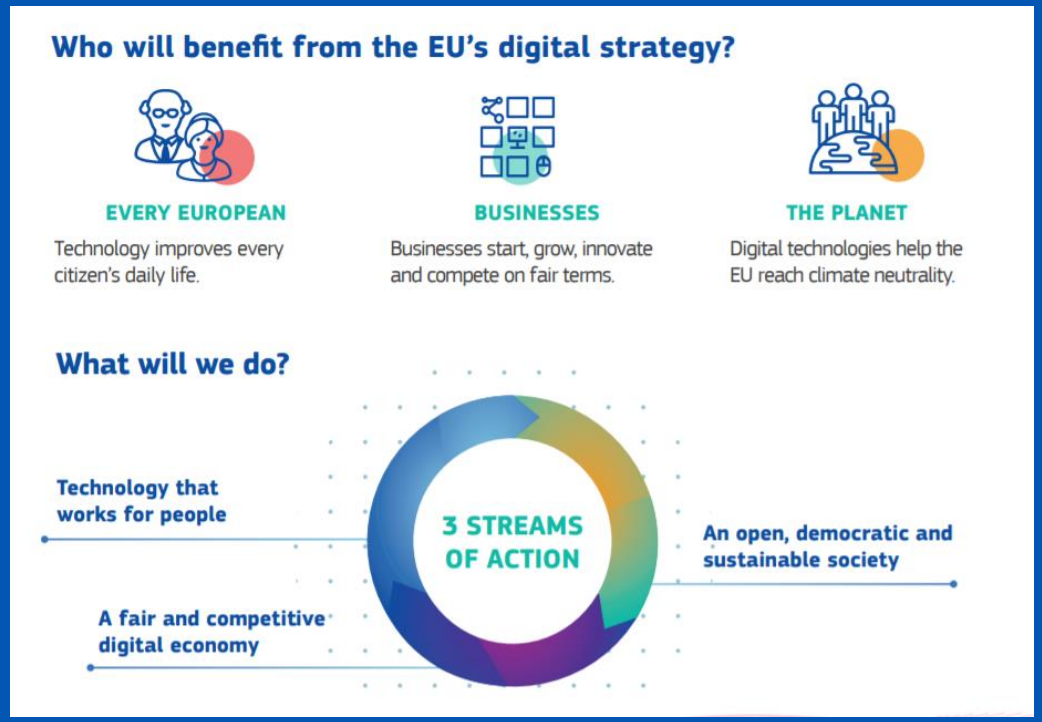
Smart buildings – Sustainable Places 2020
28.10.2020

Digitalisation of the construction sector - the EU policy perspective

Ilektra PAPADAKI, Policy Officer, European Commission

A climate neutral Europe by 2050



EU fit for the digital age

European Commission

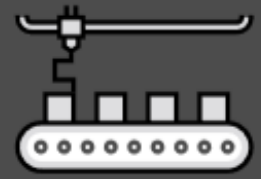
Digitalisation of the construction ecosystem

Building Information Modelling (BIM)

Digital Building Logbook

Digital Platforms

Construction Specific Digital Technologies



Modernising the processes

Supporting the sector

1
Towards an EU Framework for Digital Building Logbooks

All data, information and documents for a building in one place

A dynamic tool that keeps a record of all events in the life of a building

Transparency, trust, informed decision-making and exchange of information

A secure tool that allows data owners to have control over them

Industrial Strategy for Europe

European Data Strategy

Circular Economy Action Plan

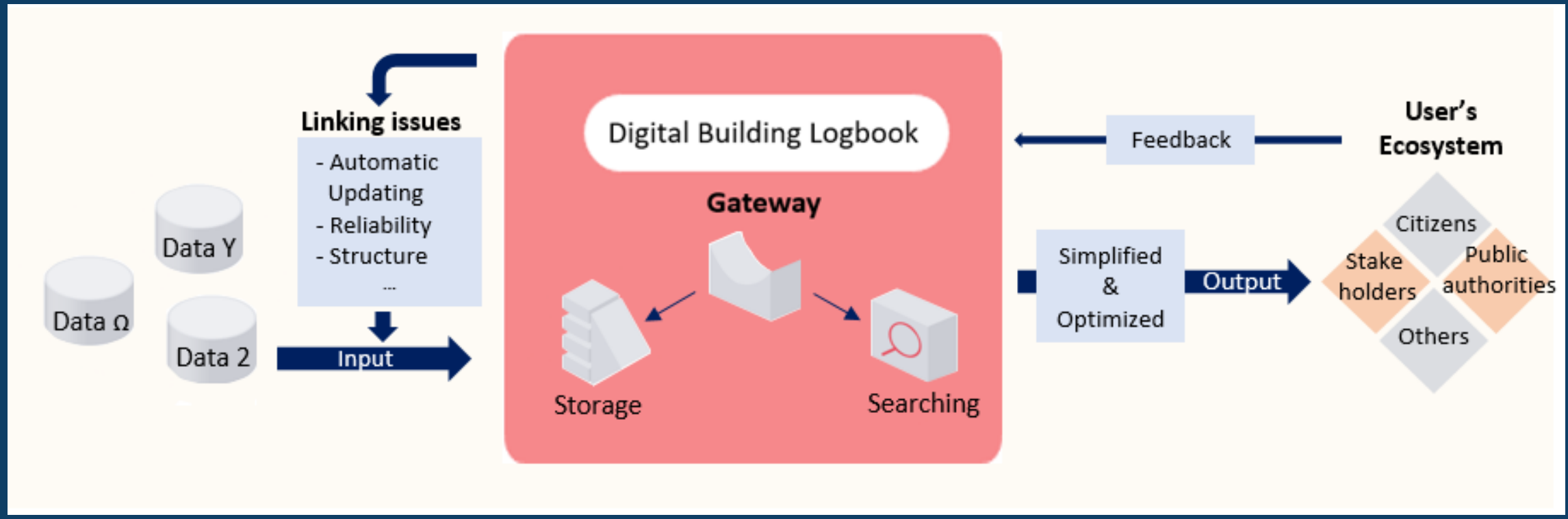
Renovation Wave

DIGITAL

GREEN

Digital Building Logbooks in the Renovation Wave

The Commission will introduce Digital Building Logbooks that will integrate all building related data provided by the upcoming Building Renovation Passports, Smart Readiness Indicators, Level(s) and EPCs to ensure compatibility and integration of data throughout the renovation journey.



3
BIM in Public Procurement

>30%
From the money spend in construction are public

250.000
public authorities in the EU procure for construction

BIM is not obligatory, but it is suggested in the EU Directive for Public Procurement in 2014

For public works contracts and design contests, Member States may require the use of specific electronic tools, such as of building information electronic modelling tools or similar.

The Commission is encouraging the use of BIM through "soft-policy" and close collaboration with the EU BIM Task Group

- Handbook for the introduction of BIM in Public Procurement available at 21 languages
- Training of 250 public procurers in BIM
- Ad-hoc support to 6 MS through Structural Reform Funds
- EU Methodology for Cost Benefit Analysis for the use of BIM in individual projects

BIM becomes the norm for public procurement in construction.

BIM facilitates the digitalization of permits and other administrative procedures, as well as different construction operations, such as renovation.

TUESDAY 17 NOVEMBER

Digital Building Logbook
Stakeholder workshop

THURSDAY 3 DECEMBER

Construction 2020
Thematic Group Meeting on
Innovation and Digitalisation in Construction

European Commission

Thank you!

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Useful links

- Construction and built environment https://ec.europa.eu/growth/sectors/construction/competitiveness_en
- European Construction Sector Observatory https://ec.europa.eu/growth/sectors/construction/observatory_en
- EU BIM Task Group www.eubim.eu
- DigiPLACE Project- Towards a Framework for a Digital Platform for Construction https://www.digiplaceproject.eu/
- Renovation Wave https://ec.europa.eu/info/news/preparing-future-renovation-wave-initiative-have-your-say-2020-jun-12_en
- Digital Innovation Hubs https://ec.europa.eu/digital-single-market/en/digital-innovation-hubs
- Practical handbook for investing in DIHs https://ec.europa.eu/newsroom/dae/document.cfm?doc_id=66604
- Structural reform funds https://ec.europa.eu/info/funding-tenders/funding-opportunities/funding-programmes/overview-funding-programmes/structural-reform-support-programme-srsp_en

@EU_Growth

Construction 4.0 Europe

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