# WHAT?

CHEK

DIGITAL BUILDING PERMIT

**The CHEK project:**

'Change toolkit for digital building permit' (CHEK) is a European project, funded under the Horizon Europe call HORIZON-CL4-2021-TWIN-TRANSITION-01-10 G.A. 101058559. It will last 3 years (October 2022-September 2025) and involves 19 European partners, including international standardisation organisations (OGC, buildingSMART) and is strongly related to the European network for Digital Building Permits (EUnet4DBP).

**The aim of CHEK is:**

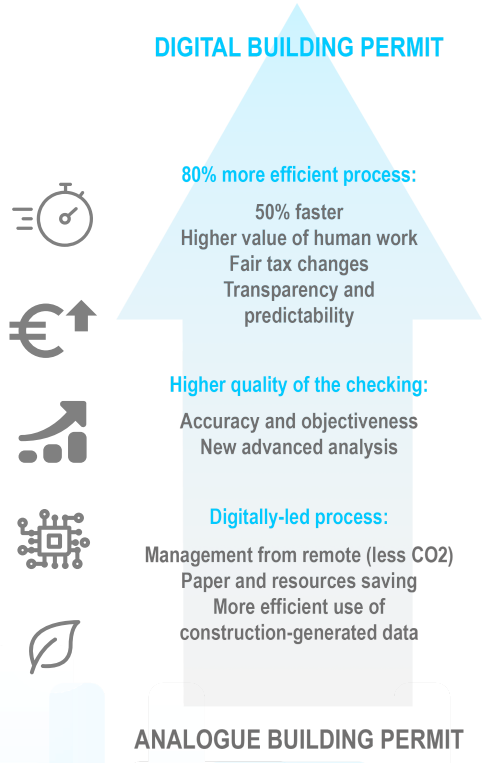
to take away barriers for municipalities looking to adopt digital building permit processes by developing, connecting and aligning scalable solutions for regulatory and policy contexts, for open standards and software and data interoperability (geospatial and BIM), for closing knowledge gaps through education and training, for renewed municipal processes and for technology deployment. CHEK will provide an innovative kit of both methodological and technical tools to digitalize building permitting and automated compliance checks on building designs and renovations in European urban areas and regions. Modularity and standardization of solutions will enable replicability in any country and context.

Funded by the European Union

# DIGITAL PERMIT?

**What is a digital building permit ?**

Digitalization of building permitting implies passing from (analogue) document-based systems to digital data-driven processes.




# WHY JOIN US?

**Take the opportunity to guide the CHEK developments**

Four municipalities are partners in our 3-years project (two in Portugal, one in Italy and one in Czech Republic). To assure scalability to other countries and cities, we are looking for cities and municipalities, as well as other stakeholders (designers, construction companies) who would like to take part in our Community of Practice (CoP).

.

**Benefits from participating in the CHEK community of practice will be:**

1. Be up-to date via specific newsletter and access the preliminary CHEK results, with the possibility of testing and using them within your own organization;
2. Guiding the CHEK developments with your feedbacks and suggestions in a way that final solutions will be suitable for you to reuse them for your own developments;
3. Help achieving the highest level of scalability as possible for CHEK solutions;
4. Your name and/or institution (if you agree and would like to) will be listed in the CHEK website and in the deliverables acknowledgements.

JOIN US :)

# WHAT?

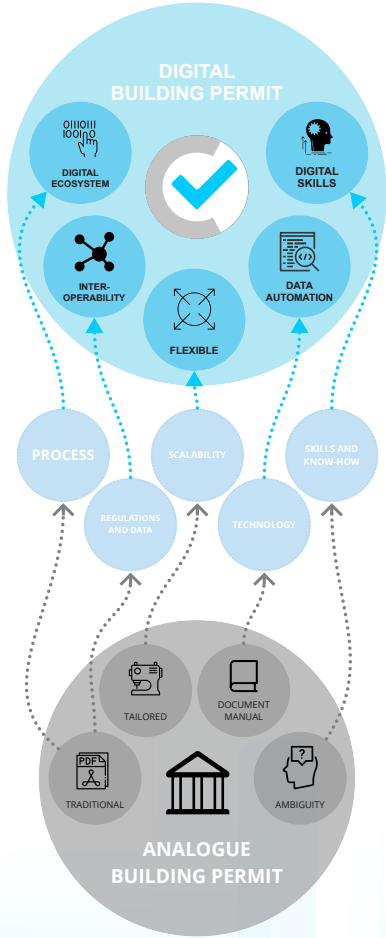
**The Advantages of digital with respect to traditional building permit :**

Several studies have proved that digital building permitting brings several advantages to involved stakeholders.

1. **Building permit authorities can optimize resources and achieve a more efficient process**:
   a. by removing the burden of initial manual validation of submissions formats;
   b. by avoiding investing time in simple quantitative regulations checks, so that more efforts can be dedicated to qualitative checks requiring human experience and assessment;
   c. by obtaining a faster and fair cash flow from tax charges related to building permits.
2. **Designers and construction companies** can count on less ambiguous regulations and interoperable data to start their projects, transparent process and scalable solutions which could be applied throughout Europe; fewer re-submissions and document integration needs, thanks to formal validation at submission and the option to pre-check the design compliance; faster response; objective assessment.
3. **Citizens will be able to** follow the transparent process and interact smartly with the other stakeholders; obtaining a fair tax charge and faster process.
4. **The overall society will have advantages** in a later stage from the reuse of the produced data for digital permits, from the enabled new checks related to the quality of built environment and building's impact, and from resources saving and optimization in general.

Funded by
the European Union

# DIGITAL PERMIT?




# WHEN & HOW?

In meetings (2 per year) and a number of dedicated interviews and mail campaigns, the CoP will be consulted about several developments in the project such as the selection of regulations to be digitally transferred, the data to be submitted as part of the digital building process, the code-checking solutions etc.

This will assure that the developed solutions will also align to and support the practices of these organizations

**Interviews**

**2 meetings / year**

**Support**

https://chekdbp.eu/