



ABOUT

A solution to provide flexibility, ease-of-use and efficiency to the permit validation and approval system in the construction project environments. A solution framework is thus required that allows – regardless of the country, region or municipality -, an easy interoperability with the tools commonly used in construction.

The use of the DigiChecks framework **does not imply a change in the processes**, but rather effectively **implements a new form of exchanging information** between the different actors involved in a permit procedure.

DIGICHECKS IS BASED ON THE FOLLOWING STEPS:



ONTOLOGY

Standardized permit ontology to create a shared language for permitting.



PROCESSES

Digitizing Permit Processes to develop a tool for actors model their processes into DigiChecks.



RULES

Building Permit Rules to allow permit authorities build their own 'rules'.



API

Integration of the previous steps into a Permit Service (API) to transform the solution into a service offered through an OpenAPI.

PILOT SCENARIOS

A civil engineering scenario in the UK
PILOT 1



A building for residential use in Spain
PILOT 2



A building for office use in Austria
PILOT 3

Three pilots in different areas construction typologies, where the solution will be deployed and stakeholders will validate its use in permitting and compliance checks.



The Consortium

The 13 European entities are international firms in the construction field, research, standardisation, digitization, and technology.



www.digichecks.eu



DigiChecks

A European Project to develop a new Digital Framework to manage permits and compliance checks in the construction industry



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