

PUBLISHING SUMMARY

The 3rd and last phase of DigiPLACE's WP3 provides an impact analysis of the digital technologies and practices supporting digital platforms used in the construction sector and in other industrial sectors, so as to identify possible points of knowledge transfer towards the construction sector.

This study relies on the identification and description of 20 “success factors”, i.e. focus points that the DigiPLACE Reference Architecture Framework (RAF) should consider, in order to fulfil the overall objectives of the project. The ways these success factors are currently implemented or taken into account in existing digital platforms and tools in several industrial sectors have been assessed.

A first level analysis of international markets enabled to describe the global context of digital platforms outside Europe and to compare it with the European market. It revealed, among others, that platforms in the sense of DigiPLACE still do not fully draw attention internationally, potentially leaving space for DigiPLACE to be one of the first initiatives of this sort.

Finally, a list of research and development orientations to be considered for the future development of DigiPLACE RAF and Roadmap has been proposed for each success factor. These elements should be understood as leads to be investigated in order to meet the success factors, and more globally the overall objectives of DigiPLACE project.

WP4 will now provide further descriptions and possible solutions to some of the barriers identified in this exercise. WP5 and WP6 will feed from these inputs, to make further analyses and develop the DigiPLACE RAF and Roadmap.