



General information

Organisation name: *University of Cagliari – Department of Civil and Environmental Engineering and Architecture*

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Targeted topics (EEB; B4E; EC; ES; SCC)

LC-EEB-08-2020	Digital Building Twins	EeB
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Competencies

- *Building energy performance monitoring, measurement (together with UNICA-DIEE) and simulation; RES integration; Building information modeling.*
- *Beneficiary of FosterinMED project – ENPI CBC MED 2007-2013 strategic call / Applicant for ENI CBC MED 2014-2020 strategic call (deadline 03/07/219)*
- *Scientific research and competences transfer to public bodies and private companies (mainly ESCO, designers and construction firms)*



Project idea

- *Creating a link between smart monitoring devices, IoT and BIM (cognitive building) for the energy audit of existing buildings and the simulation of energy saving measures.*
- *Complementary skills: informatics; visual programming; predictive stochastic modeling.*



Consortium (if any)

Known partners / Competence offer

Name	Type	Country	Role in the project
ASCAME	Business association	Spain	
CEEBA	Business association	Egypt	
IRI	Research institute	Lebanon	
RSS	Scientific society	Jordan	
CCI	Business association	Tunisia	
CRES	Research institute	Greece	
Politecnico di Milano	University	Italy	
Sotacarbo	Research institute	Italy	