CELTIC-NEXT Proposers Day
23rd of September 2021, Online via WebEx

Pitch of the Project Proposal

Smart Structural Fiber-cement Panel for Passive House

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What is the main benefit of the idea/proposal?

Lighter, fast to install, better insulated, less expensive than traditional building technology in concrete or wood

What makes the added value?

Smart sensors embedded, interacting with other services (HVAC, irrigation, air quality, appliances ...)

Why should I participate in the project?

To learn about last improvements in building green & smart passive houses
Järjesteaja profiil

Lagertha SIA (2020) ja Exedra Systems OÜ (2016) on kaks startup'i, mis tuluud eriti uuringut sujuva ja hinnaalised omaid tegevusi. Need startupid kasutavad uut innovatiivset struktuurirahandusainust, mis on kasutusel raskus- ja võrktoitevalmistustes. See inovatsioon võimaldab kiirendada ja lihtsustada hoonevalmistust, ühtlasi võimaldades halvemate hinnad. Smart Structural Fiber-cement Panel for Passive House, Luca Giorgio Bochese, CEO, lagertha.sia@gmail.com
A lightweight (80 kg/m²) yet structural (up to 3 floors), antiseismic insulated panel (fibercement, wood, anti-vapour, composed inhomogeneous insulation layers) to speed up assembly time and reduce cost of passive houses.......

Smart Structural Fiber-cement Panel for Passive House, Luca Giorgio Bochese, CEO, lagertha.sia@gmail.com
Proposal

Introduction

Development of a set of 2-floor buildings with the new patented technology, reduction of at least 60% of overall weight of the structure, reduction of 60% of assembly time, 40% increase of performance of thermal and noise insulation, > 25% less expensive than traditional concrete.

Use of smart embedded sensors connected to different appliances to dynamical control transmittance and thermal efficiency.

Measurement of obtained parameters in term of overall thermal efficiency and HVAC savings

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Lagertha SIA from Latvia, Exedra System OÜ from Estonia, target project location is in Cyprus.
We are running this particular building development in Cyprus, and we are therefore interested in having a real estate developer/building company in Cyprus in our team or as a reliable subcontractor.
Developers from other countries are also welcome, to adapt and implement this building technology in their own location.

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In the last week of September we will schedule a follow-up telco for your new project idea. Please fill in your availability as soon as possible but at the latest by 18th of September.

This session will be announced at the Proposers Day to the audience for you.

https://polls.eurescom.eu/JfR0E8QbFg/
For more information and for interest to participate please contact:

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Presentation available via Google Drive  
https://drive.google.com/file/d/12lk8Ly5jBO-B0U5hqupqMUnh2E7-Pqdf/view?usp=sharing
24th September 10.00 CET

Join the follow-up Telco

Join meeting

Join by meeting number
Meeting number (access code): 175 017 5014
Meeting password: EtSZxgRW628

Join by phone
+49-6196-7819736 Germany Toll

Can't join the meeting?

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