

# BIM-SPEED INDUSTRY DAY

## BIM-SPEED COMPETITION

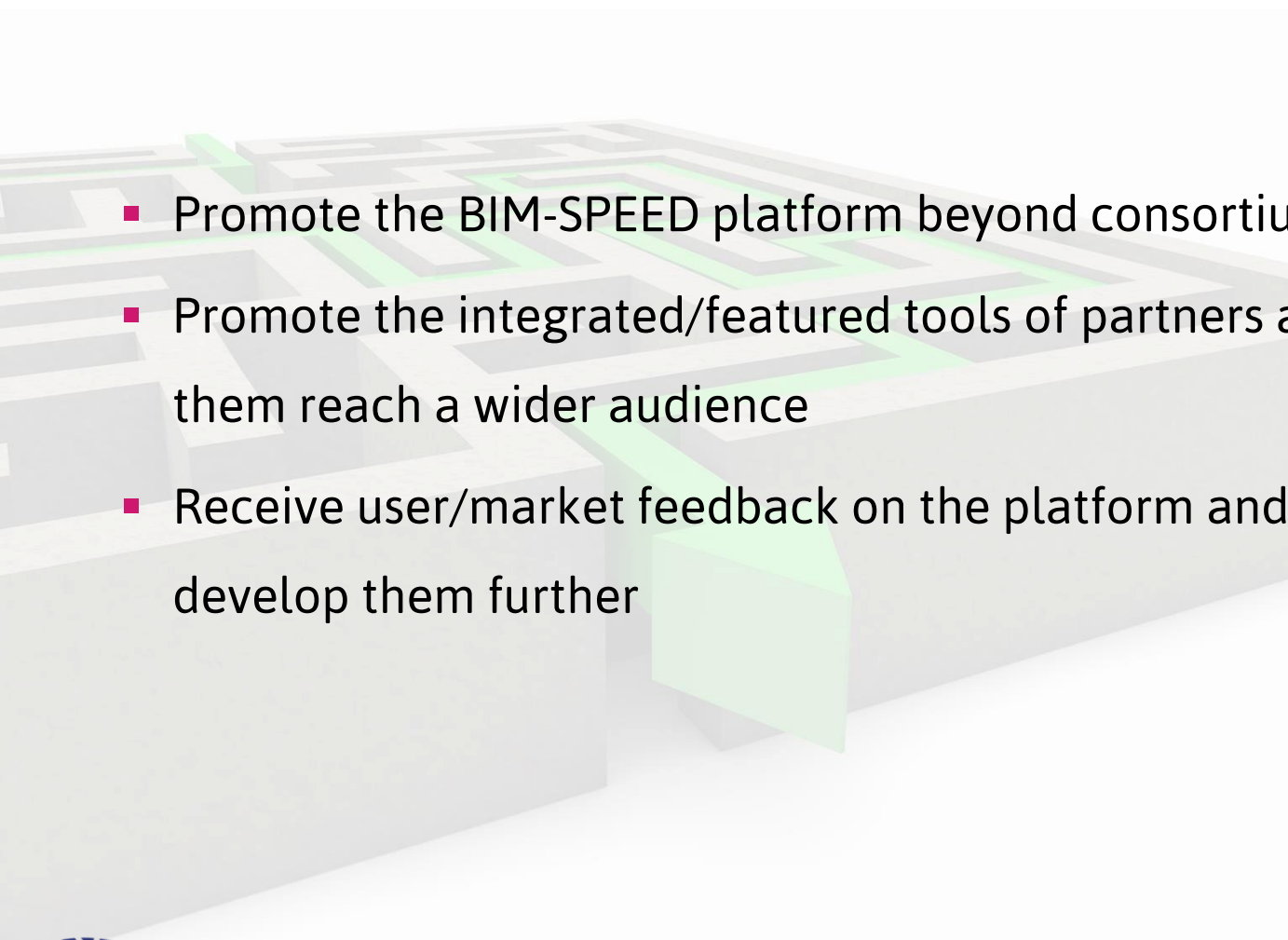


# AGENDA

- Goals & Objectives
- Competition Overview
- Eligible Participants
- Application
- Competition Task
- Available Tools
- Deliverables
- Awards
- Timeline



# GOALS & OBJECTIVES

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- A 3D perspective illustration of a maze. The maze is rendered in shades of gray, with several paths highlighted in a bright green color. The paths lead from the top left towards the bottom right, ending in a large green arrowhead pointing towards the right. The maze is set on a light gray surface that recedes into the distance.
- Promote the BIM-SPEED platform beyond consortium
  - Promote the integrated/featured tools of partners and help them reach a wider audience
  - Receive user/market feedback on the platform and tools to develop them further



# COMPETITION OVERVIEW

- The competition aims to invite **professionals and students active in the design and construction industry** to present a **residential building renovation project** that applies the **BIM tools and methods** developed by the BIM-SPEED partners
- The challenge is to **develop a renovation project** (using BIM-SPEED platform for collaboration) in a way that allows **energy saving for the occupants**, improves their **comfort** while **reducing the time and the cost** of the overall process



# ELIGIBLE PARTICIPANTS

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Architects

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Engineers (civil, HVAC, mechanical etc.)

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Contractors

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Surveyors

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Students

Teams of  
professionals/students



No individual applications



# APPLICATION

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Minimum requirements

Application via BIM-SPEED website

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Multidisciplinary team (not individuals)

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Renovation of Residential Buildings

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Energy Savings category

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Use BIM-SPEED platform

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Use at least one of the BIM-SPEED tools

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# COMPETITION TASK

Evaluation  
criteria

Collaboration during the project: use of BIM-SPEED platform

Time and cost savings in the project by using the platform

Use of the BIM-SPEED tools

Renovation design applying sustainable strategies

User comfort

User involvement



# AVAILABLE BIM –SPEED TOOLS

Possible tools to be used for the competition

- [CYPE Architecture](#)
- [IFC Builder](#)
- [Open BIM Construction Systems](#)
- [Open BIM analytical model](#)
- [CYPETHERM Eplus](#)
- [CYPETHERM Improvements Plus](#)
- GIS data collector service
- [3DASH plug-in](#)
- [Thingsboard](#) (IoT platform) proxy service
- [Thingsboard](#) (IoT platform) exporter
- ECOtool
- [BIMtoBEPS](#)
- Indoor environmental quality KPIs
- MEREEN weather service





# DELIVERABLES

Different types of professionals and teams..



...comparable deliverables?

- A report



- IFC File



- Visual material



# AWARDS

Considered awards for making the competition more attractive...



PROFESSIONALS

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EU-wide exposure through BIM-SPEED professional groups and dissemination channels

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Monetary awards

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Free educational licence for BIM tools

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Free licence for BIM-SPEED platform



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EU-wide exposure through BIM-SPEED dissemination channels and network of partners

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Presentation of renovation project on ACE General Assembly

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Presentation of renovation project during EUSEW2022

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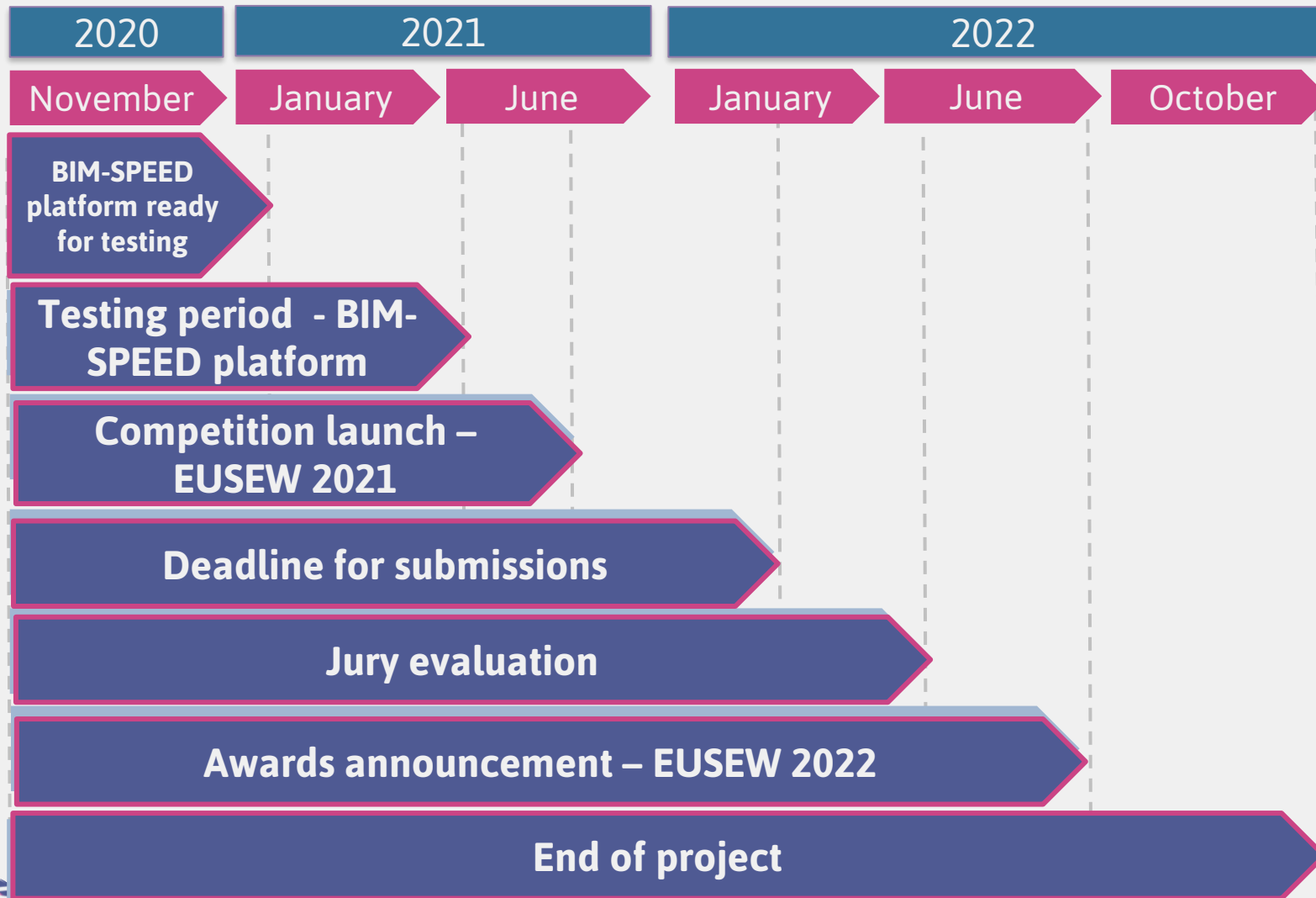
3 months internship in EU Research and Innovation projects



STUDENTS



# TIMELINE





# BIM-SPEED Competition coming in 2021

More information will follow soon



# THANK YOU FOR YOUR ATTENTION!

## ANY QUESTIONS?



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