

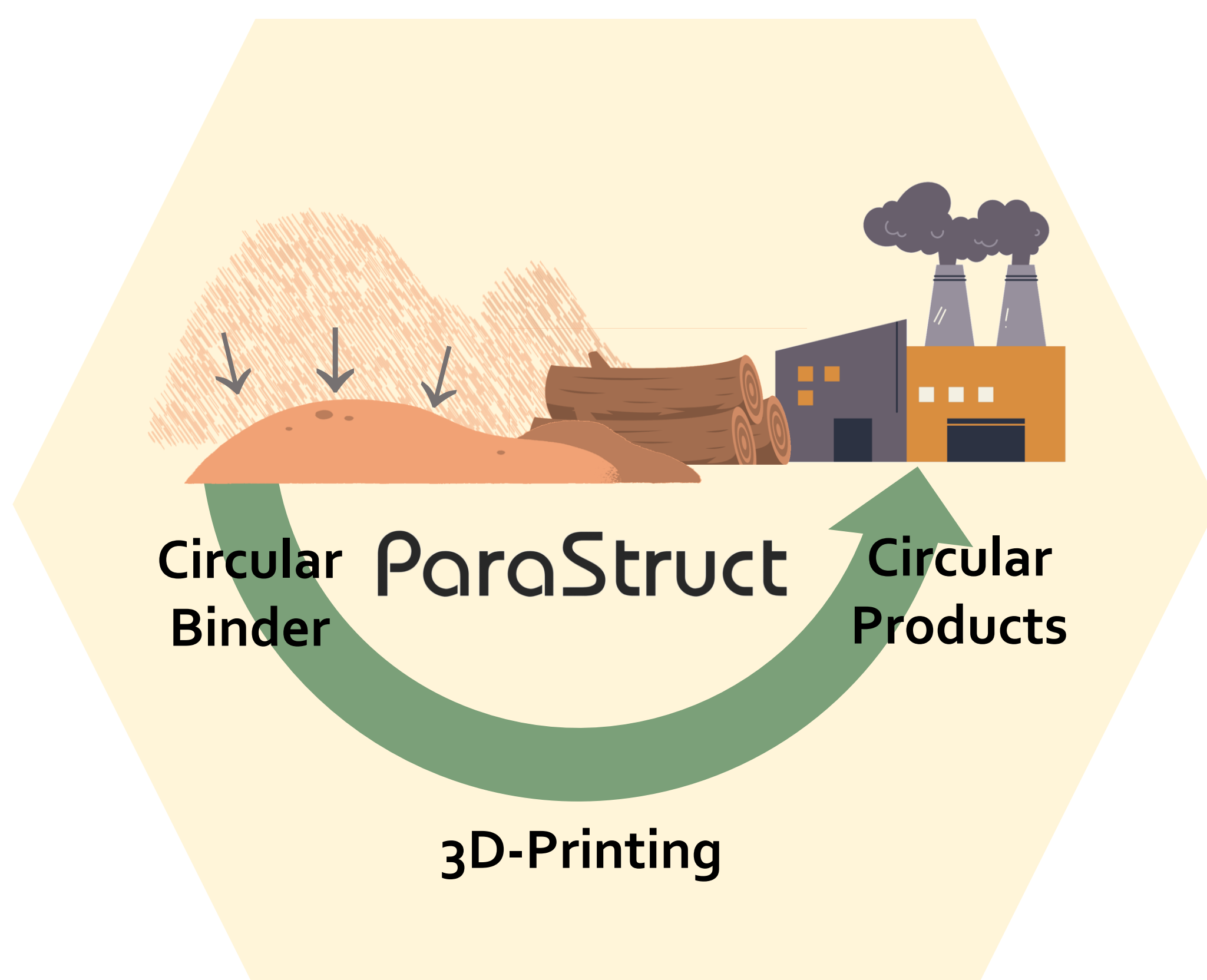
# ParaStruct

## We enable Circular Solutions

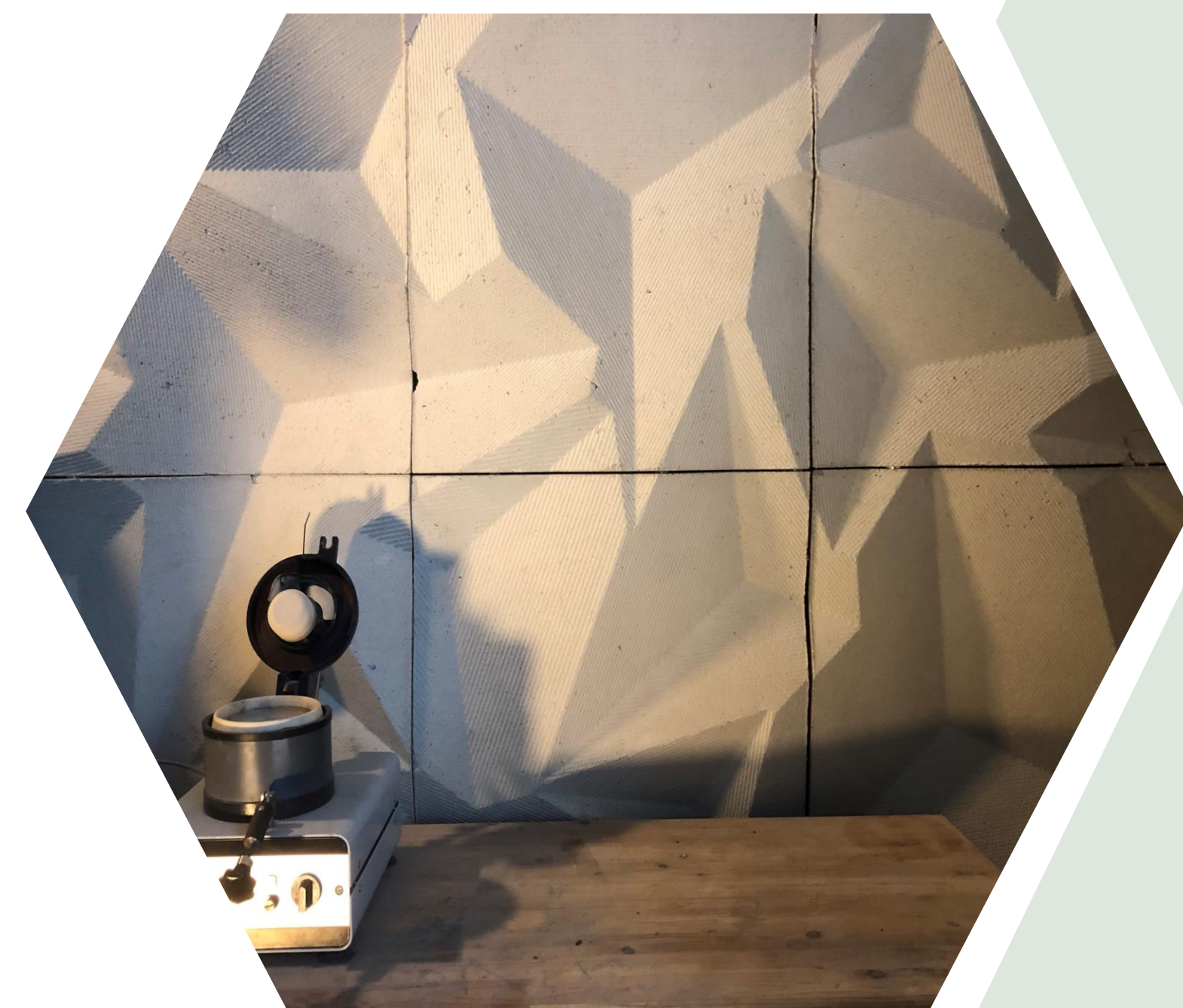
Can we still justify burning waste wood in the future, or would it not be better to use this source of raw materials? Of the 160 million tonnes of processed wood per year in the EU, only 20 million tonnes remain in the processed products for a longer useful life. The timber industry is changing. The high energy costs in Europe will make it necessary to use every cm<sup>3</sup> of wood for a long time. We say: **Don't burn but earn!**

### Cash the Trash - and reshape the Future

In the EU- 27, we generate about 60 million tonnes of wood waste per year. At ParaStruct, we are developing technology to give value to wood waste in the form of high-quality recyclable products in high-turnover markets. **Our customers save the high disposal costs for ash, can valorise their waste through our technology and increase their overall profitability while achieving their sustainability goals. The pay- back period for a plant is 1.5-2 years.**



**60 million  
tonnes/year of  
wood waste in  
EU**



### Our Products - Carbon Capturing Lightweight Components

With our technology, wood waste can be converted into high-quality lightweight products, which means that CO<sub>2</sub> remains captured for even longer. Our materials can also be used in conventional manufacturing. Our beachhead products are.

- **Ecomould:** 3D-Printed recyclable formwork for cold casting.
- **ImprintedWall:** On the component 3D printed circular interior cladding.
- **3DPanels:** Recyclable interior wall cladding.
- **3DAcoustic panels:** For new sound experience.

**Ecomould**

**ImprintedWall**

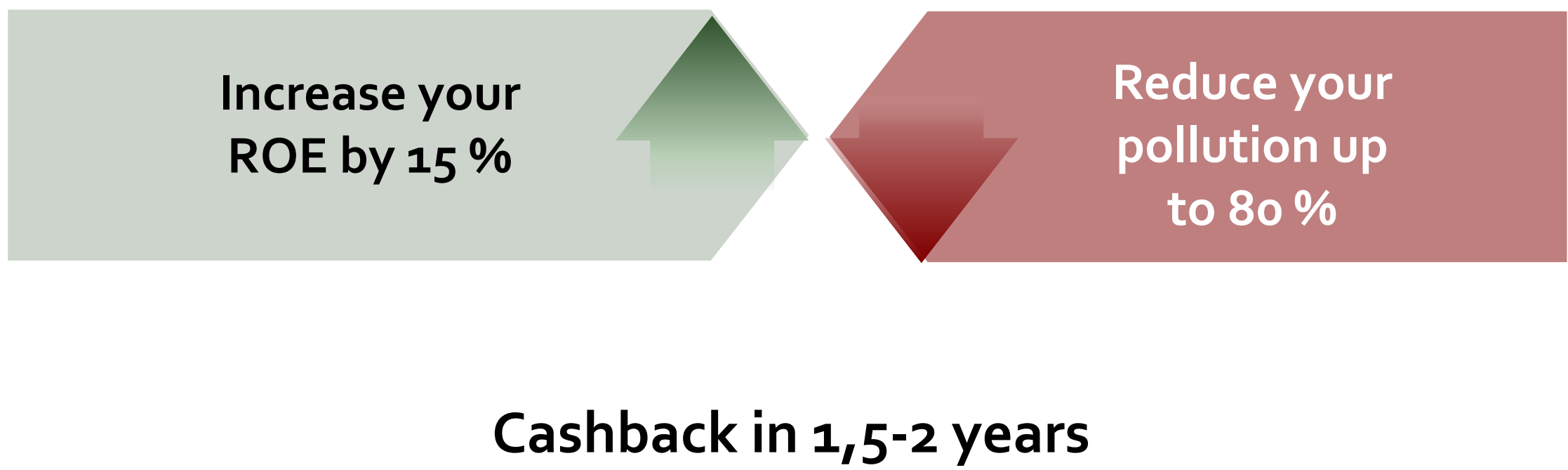
**3DPanels**

**Acoustic**



## Our Value Proposition:

You can **achieve sustainability goals** by waste valorisation and get one of the most profitable and stable business models: **Cash the Waste.**



## The Company:

**ParaStruct**

we are part from



We have background, proven track record and vision to succeed.

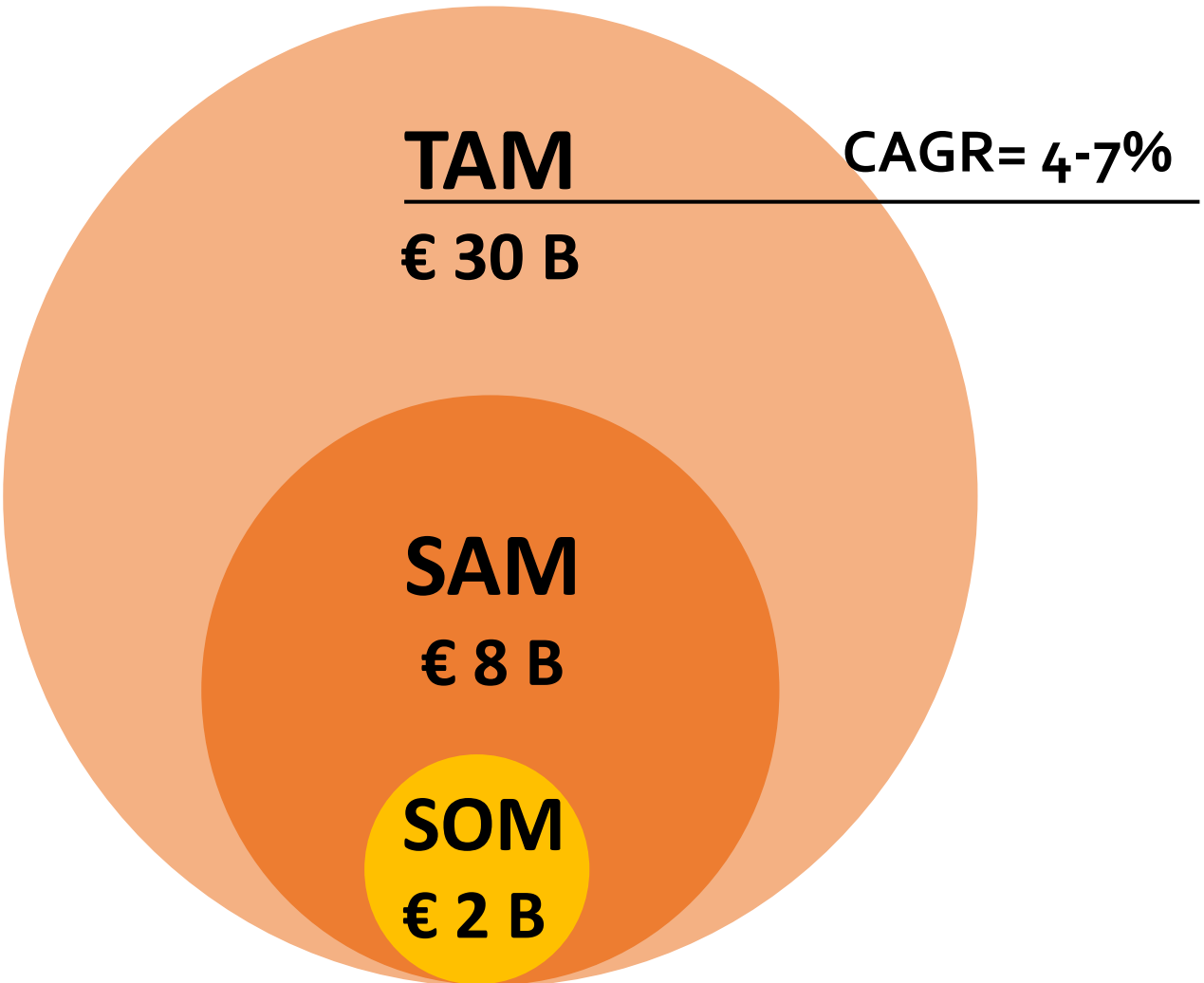


**EIT Circular Economy Prize**

We have skills ranging from 3D printing technology to civil engineering, materials science and chemistry, circular economy and business development.

## Market Opportunity and Impact :

The global Wood Recycling market size is projected to grow from **€ 19 B in 2022** to **€ 30 B in 2030**. The first and most important benefit of wood recycling is saving the trees. Wood recycling is an ideal technique for ensuring that the environment is maintained in its natural state. For market entry, we want to license our technology to local partner. **So, we make you independent of forest owners by using secondary sources of raw materials.**



Our beachhead markets are wood products that need almost no certifications:

Ecomould: SOM = € 400 M

ImprintedWall: SOM = €800 M

3DPanels: SOM= € 450 M.

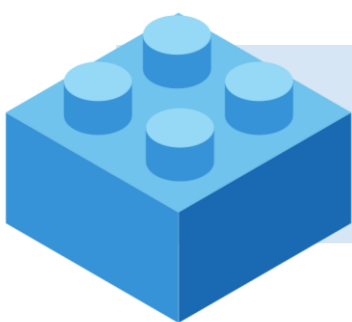
3D acoustic panels: SOM= € 350 M €

## Our competitive advantage:

**Fully recyclability**

**We do not use any resin**

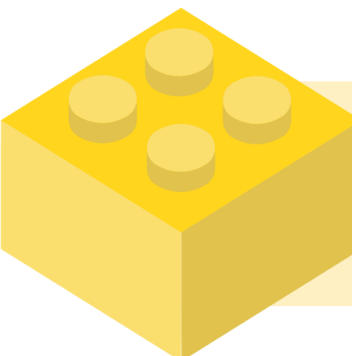
## Cooperation opportunities:



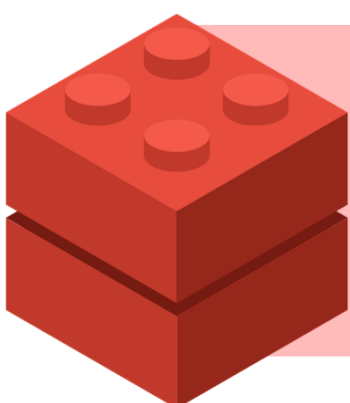
1. We analyse your processes and waste streams.



2. We investigate your materials to see if they can be used for our process.

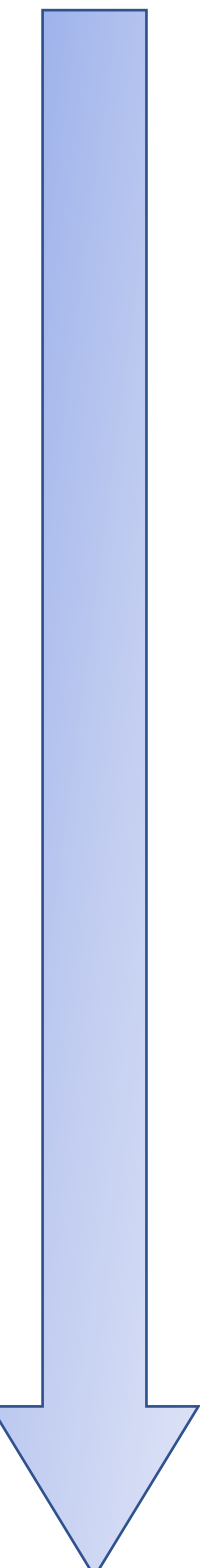


3. We develop a business case for you.



4. Piloting first in the laboratory and then with the mobile pilot plant at your site.

Analysing



Implementing