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- ***The Project FBB- EU-Southbaltic Project – 2024-2027:***

- **Partners:**

Sweden: Kalmar Municipality, GodaHus (NGO), Linnaeus University

Germany: Wismar Hochschule

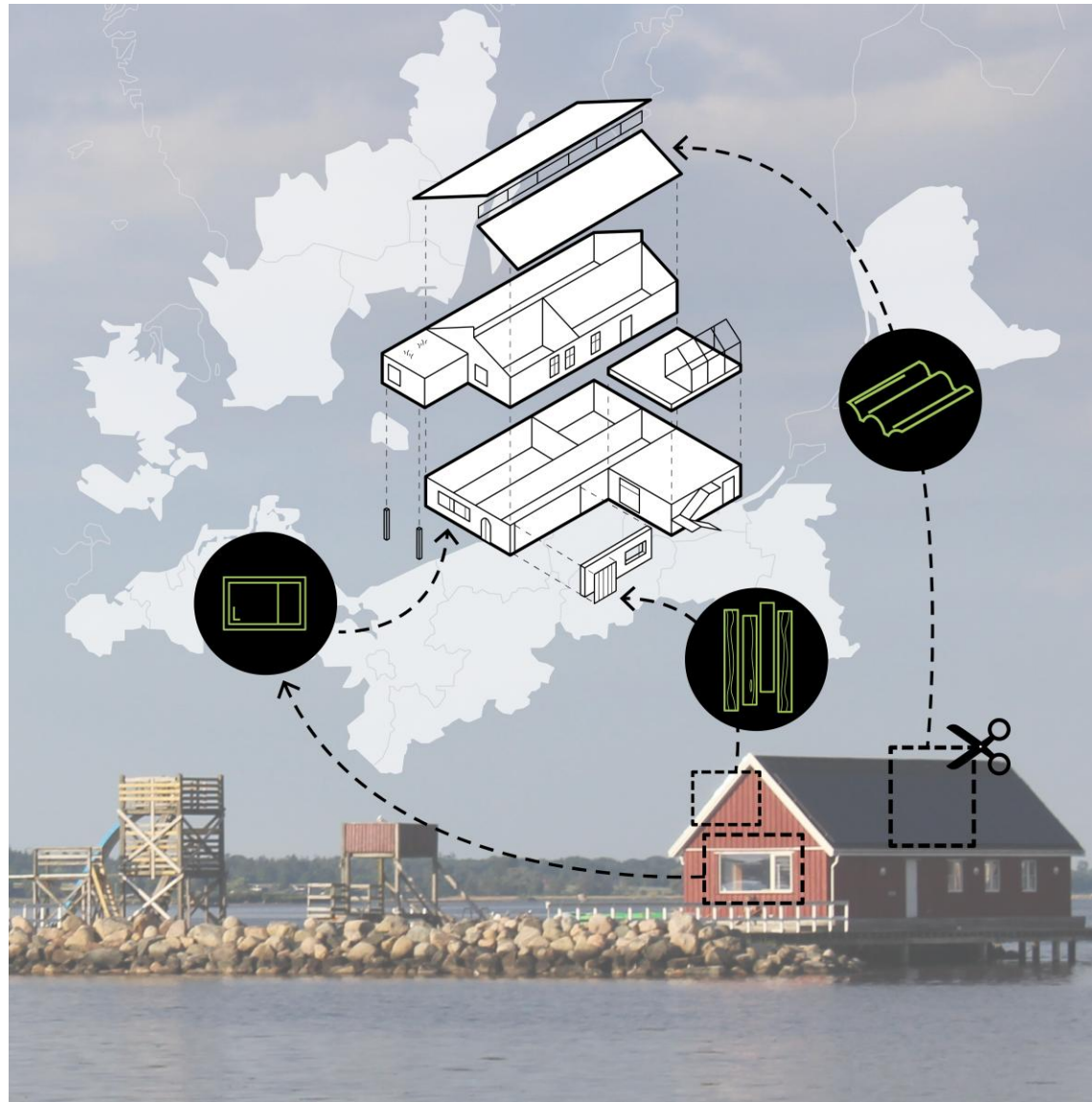
Denmark: Vocational training center, NorthWest Zeeland, NEG + Holbæk Municipality

Task: Show how to reuse building materials by doing it ourselves!
Teach the building industry the way to do so!

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- *Reusing building materials:*
- Pilot: Making the best use of already torn down building materials in Holbæk (Holbæk Municipality)
- Pilot: Making a "second life workshop" for a school in Stralsund from reused materials and components (Wismar University)
- Pilot: Explore the market to align the demand and supply of reused construction materials. Ultimately, the goal is to make all procurements green. Initial steps include testing the market for demolition mapping and establishing a marketplace for reused construction materials

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- *How to do it:*
- Educating the workforce of the building industry in reusing materials (Vocational Training Center, NEC)
- Workshops with students, planners, workforce – in partner countries and beyond (WH, LNU)
- Seminars on the topic (WH, LNU)
- Sharing knowledge with the industry: (LNU, WH, GodaHus)

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- Results:
- Integrating the concept of reuse in the theoretical framework to be called FutureBalticBauhaus laid out in:

The Principles of the FutureBalticBauhaus

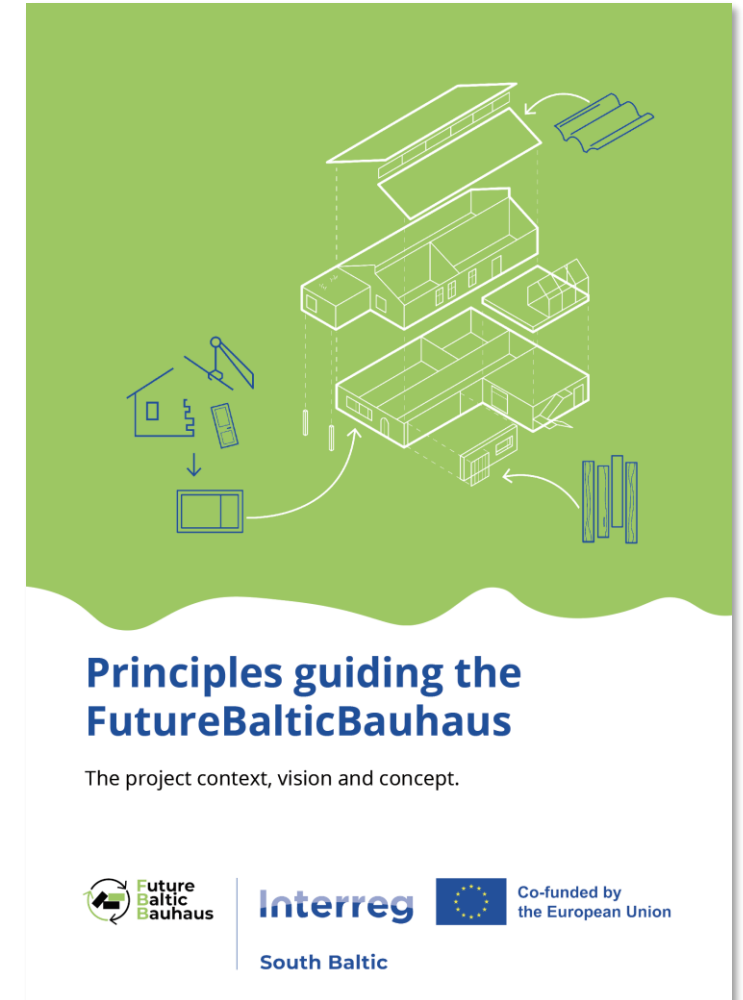


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From "The Principles of the FutureBalticBauhaus"

"With "business as usual" we will not be able to reach our climate goals and reduce emissions"

"The main FBB principle is to develop a design idea for the South Baltic region and strengthen its regional identity, through enabling a more circular and sustainable building sector."



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From "The Principles of the FutureBalticBauhaus"

Challenge:

"Restricting regulations or standards which are inconsiderate towards circular processes often create barriers to widespread implementation"

"Addressing these regulatory complexities will pave the way for sustainable renovation and construction practices."

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PILOTS: Provide concrete examples, illustrating how circularity can be successfully implemented.

TEACHING: Will enable the workforce, planners, architects, engineers and decision makers to work with reused materials and embrace designs that prioritize disassembly and adaptability.

GUIDELINE: Will present approaches reflected in the pilots and the training programme, as well as assemble and establish the concept of the FutureBalticBauhaus.

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Status May 2025:

Pilots:

Holbæk has made a sample of used bricks to be analysed by Wismar in order to document the strength ...

Preparing tender for building a dental clinic – The tender gives strong incentives to use torn down and saved building materials.

More about this in presentation from Niels Thun-Rasmussen

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Status May 2025:

Pilots: Hochschule Wismar is planning a **second life workshop** for a school made of **reused materials / components**

Focus on the **planning phase**:
How does the **process and approach change**, but also the **output**
- **aesthetics?**



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Planning new from old



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Status May 2025:

Questionnaire developed by Linnaeus send out to the building industry
spring 2025: Main results from the survey:

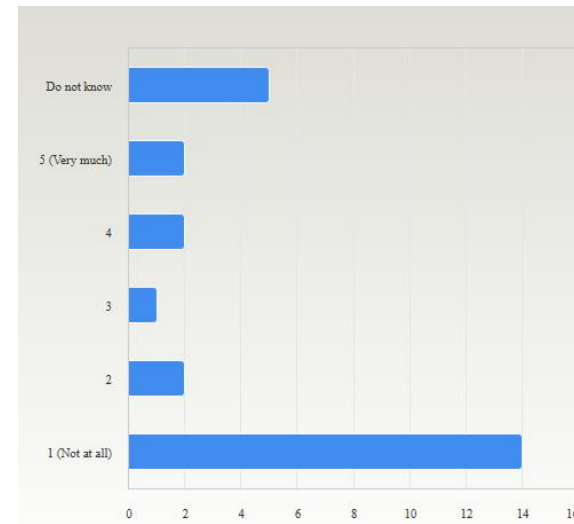
Survey

Three languages:

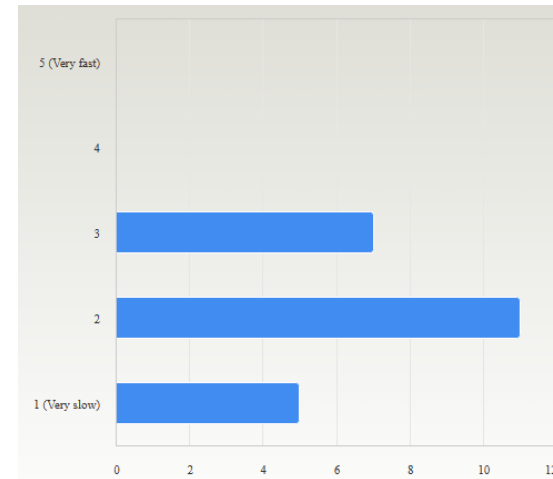
SWE: 26 answers

DAN: 6 answers

GER: 5 answers



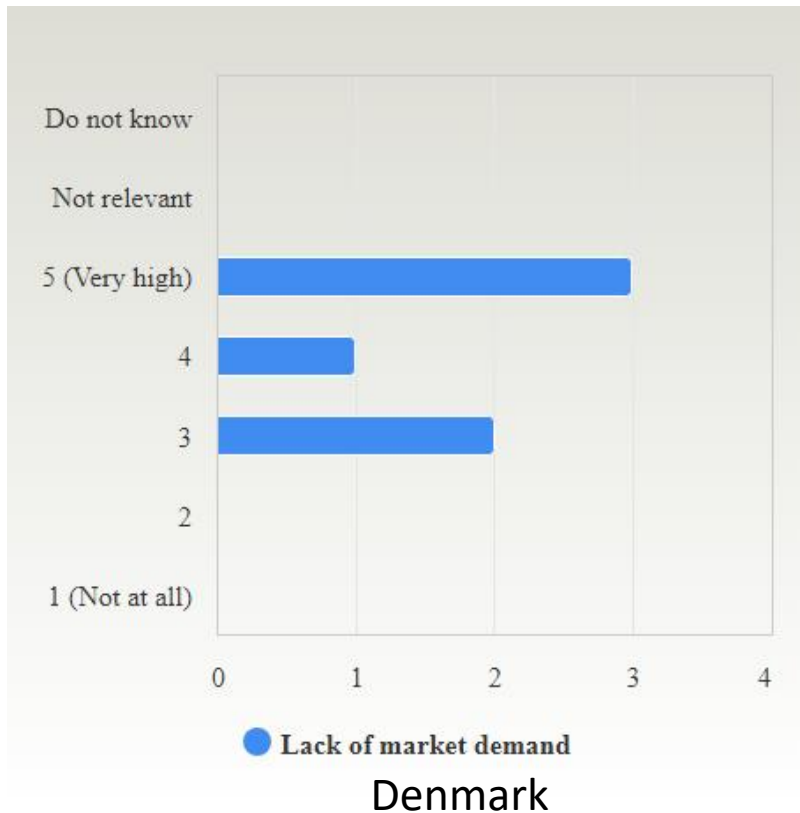
To what extent are you collaborating with researchers in your region?



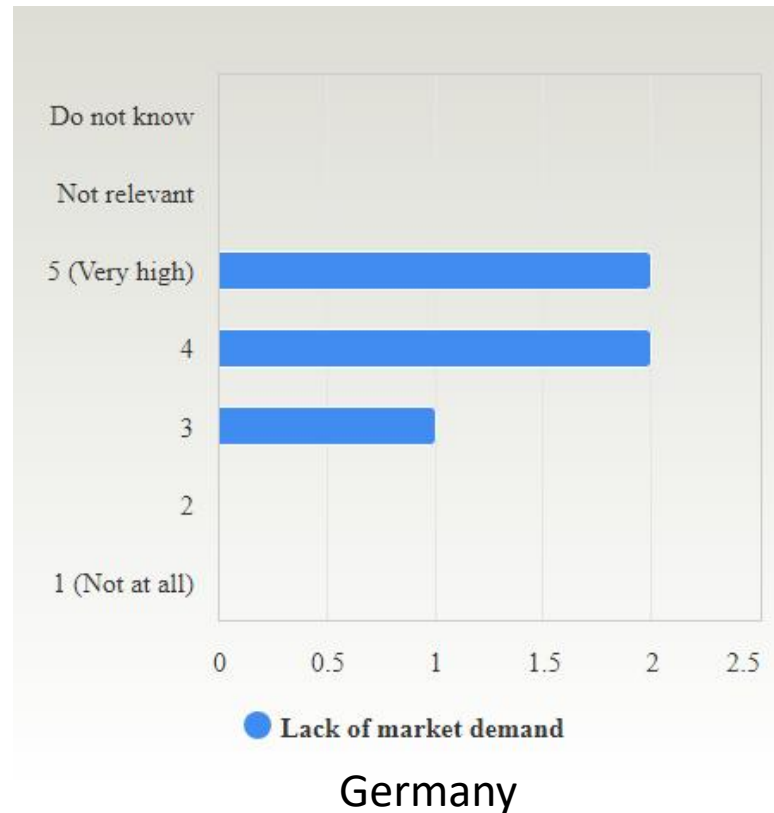
How would you rate the pace of technology adoption (including digital) for circularity in the building sector in your region?



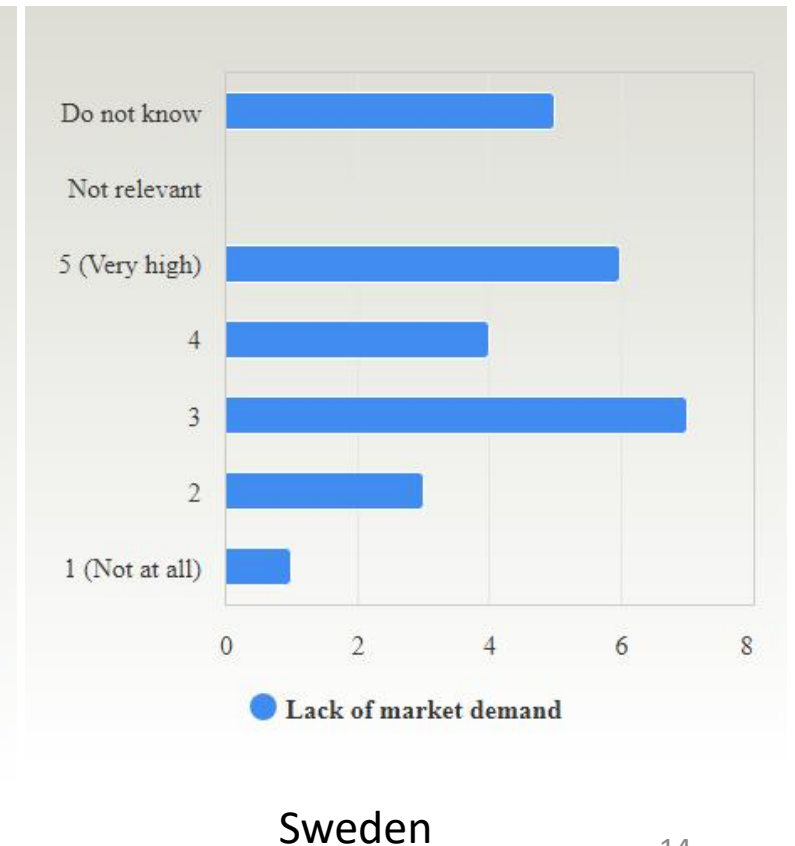
To what extent are the following factors *barriers* to circularity in the building sector in your *region/area*?



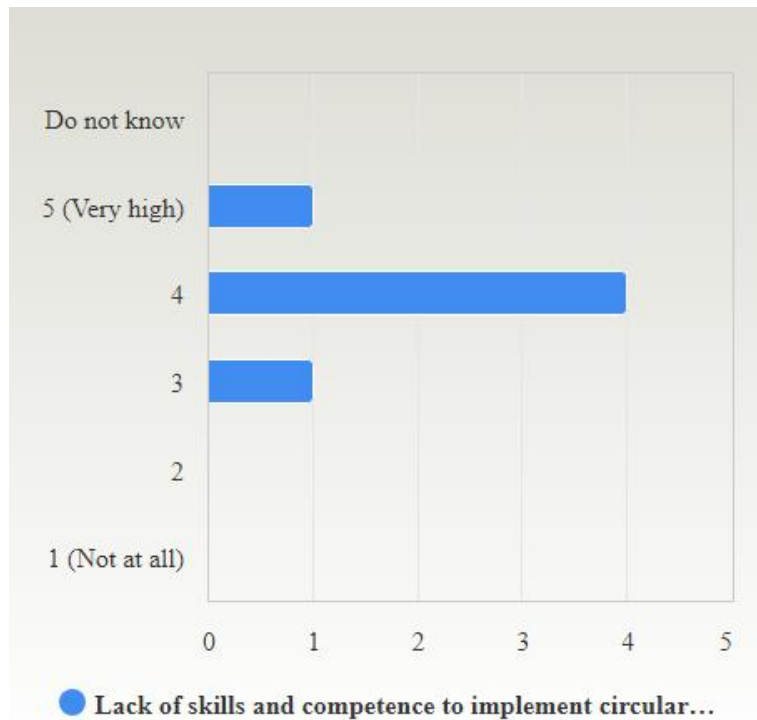
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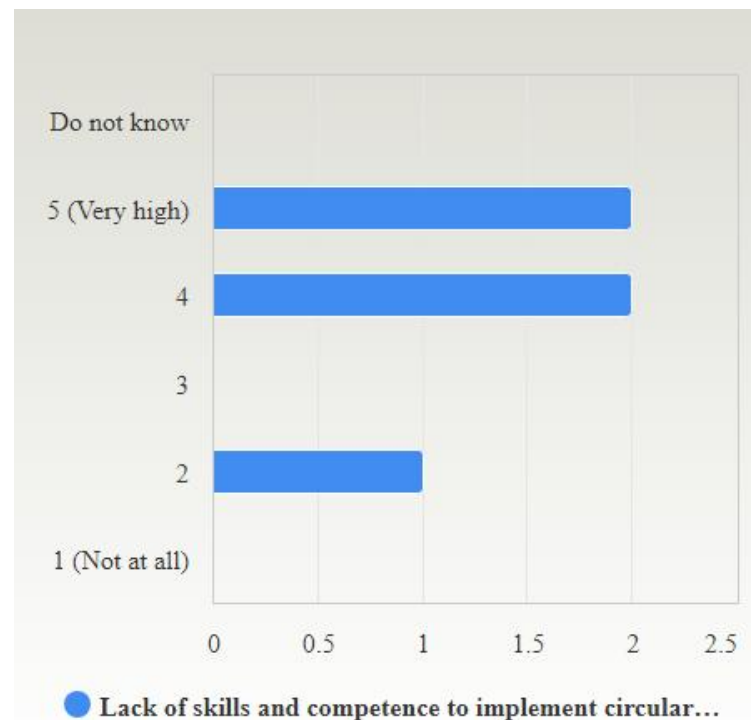


To what extent are the following factors *barriers* to circularity in the building sector in your *region/area*?



Denmark

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Germany

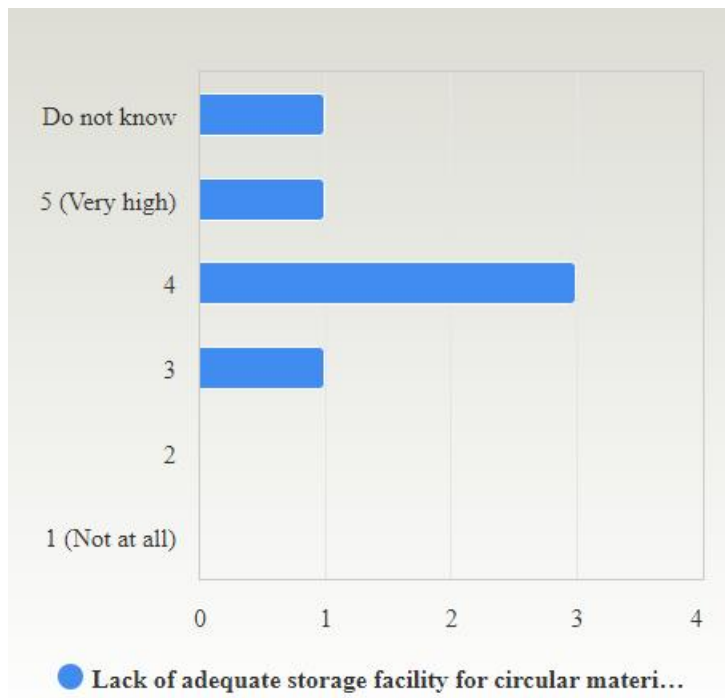
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Sweden

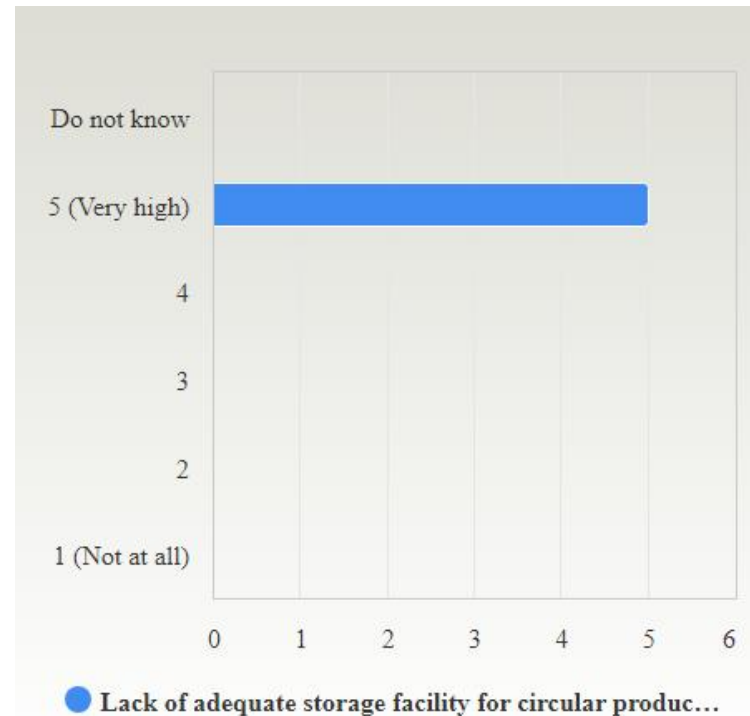
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To what extent are the following factors *barriers* to circularity in the building sector in your *region/area*?



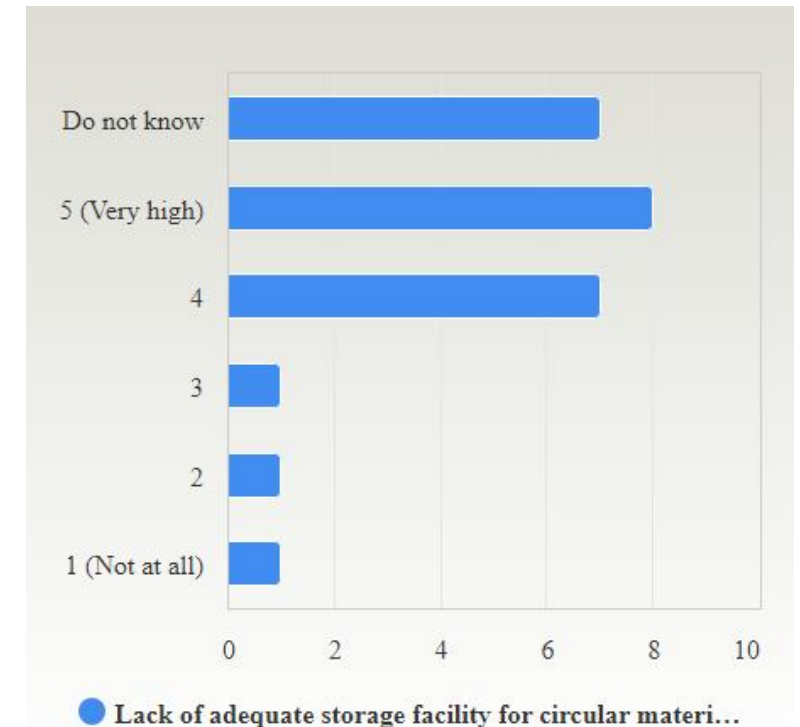
Denmark

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Germany

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Sweden

16

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We are overwhelmed by the interest from the industry taking part:
95 participants – both public and private - in **Kalmar** for the Swedish kick-off.
Students from five universities from USA, Asia and Europe participated in the
Workshop **"Re_sourcing aesthetics in architectural design"**
given at **Wismar Hochschule** this March. Linnaeus University participated!

Holbæk was after Kick-Off invited by CLEAN CLUSTER DENMARK to join a
Horizon Europe application with Belgium and Portugal on the topic.

We are on the right journey!

A journey that must have inputs from every stakeholder to succeed!

So please - do share with us your thoughts, your knowledge,
your questions so we can do the journey towards a more
sustainable build environment together.

