



Interreg
North Sea



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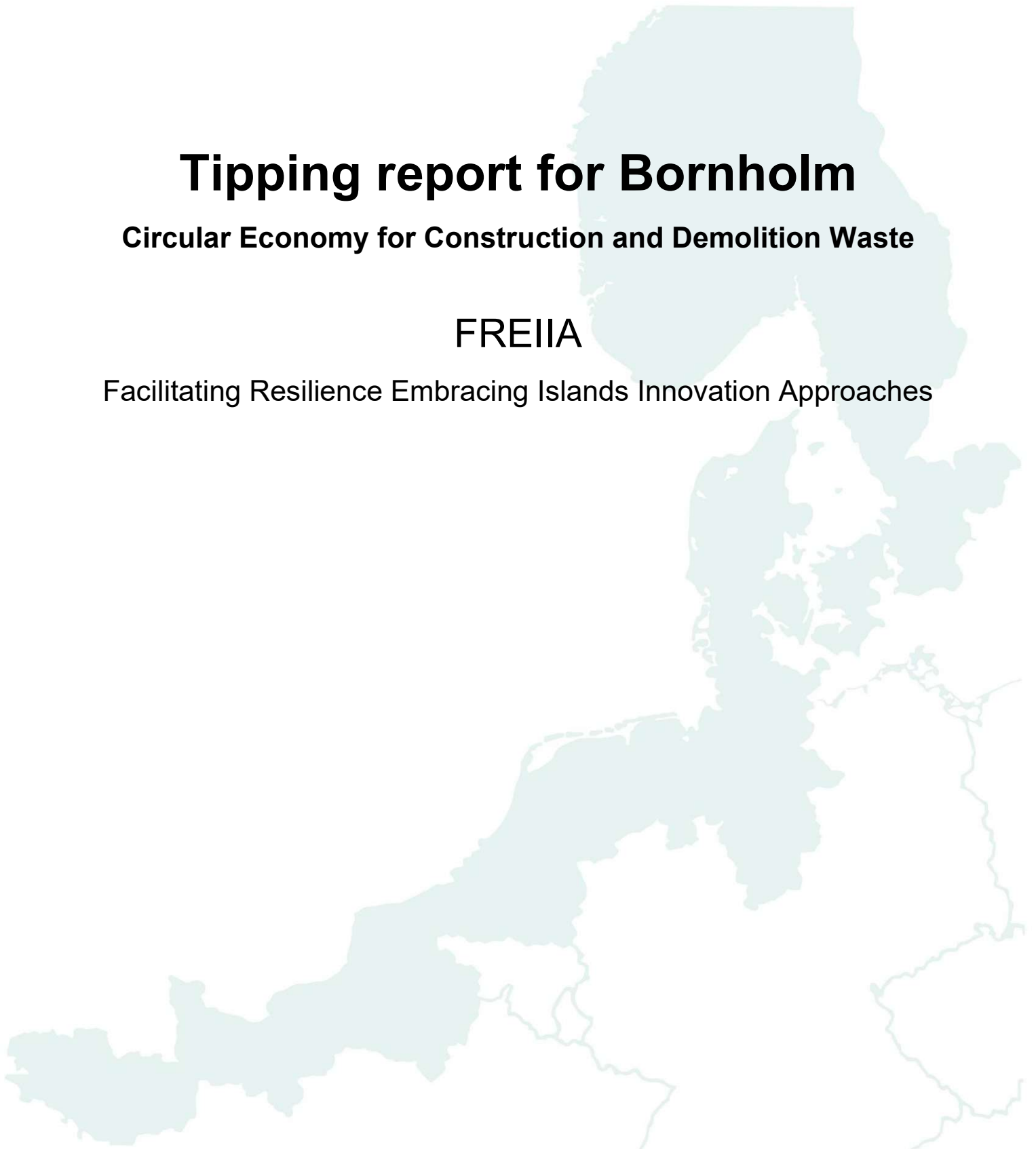
FREIIA

Tipping report for Bornholm

Circular Economy for Construction and Demolition Waste

FREIIA

Facilitating Resilience Embracing Islands Innovation Approaches



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Introduction

This report is written in collaboration between Aalborg University (AAU) and BOFA (Bornholm's waste treatment). In earlier stages of FREIIA, BOFA chose to focus on the following two subjects:

1. Circular economy for construction and demolition waste
2. Circular economy for electrical and electronic goods

This report is a summary of the TIPPING strategies and intended project in the field of circular economy for construction and demolition waste on Bornholm. The content of the report is based on the report *Opportunity Assessment for Bornholm - Circular Economy and the Tipping Strategies*, and some internal discussions and workshops between AAU and BOFA.

The TIPPING mechanism requires a government actor, which here is represented by the waste management entity under the Regional Municipality of Bornholm, BOFA.

The Opportunity Assessment for Bornholm

The Opportunity Assessment report for Bornholm contains the following sections:

- The Background of the Opportunity Assessment
- Introduction to Bornholm
- SDGS and Resilience at Bornholm
- Circular economy within the eight Tipping strategies
- Conclusion
- Top 10 Cases

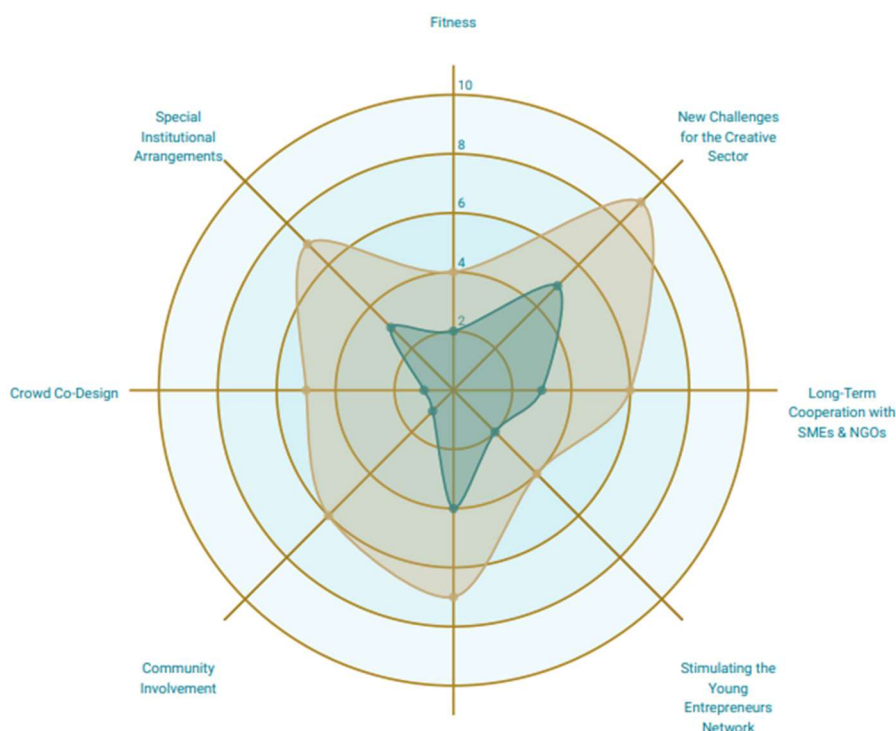
Within these sections circular economy perspectives for Bornholm is discussed. Through discussions with BOFA and based on the Opportunity Assessment Report it was a wish from BOFA to work with circular economy within construction and demolition waste.

The Opportunity Assessment Reports discussed content can be summarised as:

- The context of CE on Bornholm
- The state of affairs and relevant actors regarding CE, from the perspective of the eight TIPPING strategies
- An assessment of the current and future status for CE on Bornholm in each of the TIPPING strategies
- The future potential for Bornholm to increase CE on the island for each TIPPING strategy
- A list of innovative actors and projects that are assessed to have the highest potential for increasing CE on Bornholm

The Tipping Scores

As the representative from Bornholm Municipality, BOFA has in the CE Opportunity Assessment Report given scores on how well Bornholm includes circular economy in the TIPPING strategies and how they forecast circular economy in the TIPPING strategies five years from now. The results can be seen on the figure below.



The figure shows the current CE TIPPING scores in the middle as the dark green colour and the future CE TIPPING scores as the light brown colour.

In general, the scores show that BOFA see a huge potential for the future circular economy work on Bornholm. Especially the Creative Sector, Import and Export of Knowledge and Special Institutional Arrangements are predicted to have high involvement of circular economy in the future. In these strategies it is also seen that actors related to construction and demolition waste are relevant as e.g. ACAB, KADK, Dewdrop Tiles and of course BOFA themselves.

Choice of project

In the CE Opportunity Assessment Report the top 10 cases for circular economy on Bornholm have been listed. In a TIPPING workshop with AAU and BOFA these top 10 cases has been discussed in relation to construction and demolition waste. The most relevant cases from the CE Opportunity Assessment Report for construction and demolition waste is as follows:

Lærlingenes Hus

ACAB

KADK

Maker's Island

Business Centre Bornholm

Grønt Dialogforum

Folkemødet Bornholm

Zero Waste Bornholm innovation platform

In the TIPPING workshop between BOFA and AAU, it was discussed how a project related to circular economy within construction and demolition waste and including some of the abovementioned actors, could look like. It was chosen to work further with the idea of a material bank, where construction and demolition waste can be reused. BOFA has in a longer period have a wish on creating a material bank for the construction and demolition waste to be given a new life. Therefore, the material bank will be the theme of the future TIPPING and RUDDER workshop on circular economy related to construction and demolition waste.

Reference list

Opportunity Assessment for Bornholm – Circular Economy and the Tipping Strategies. FREIIA-Interreg Project, October 2024. AAU Aalborg University.