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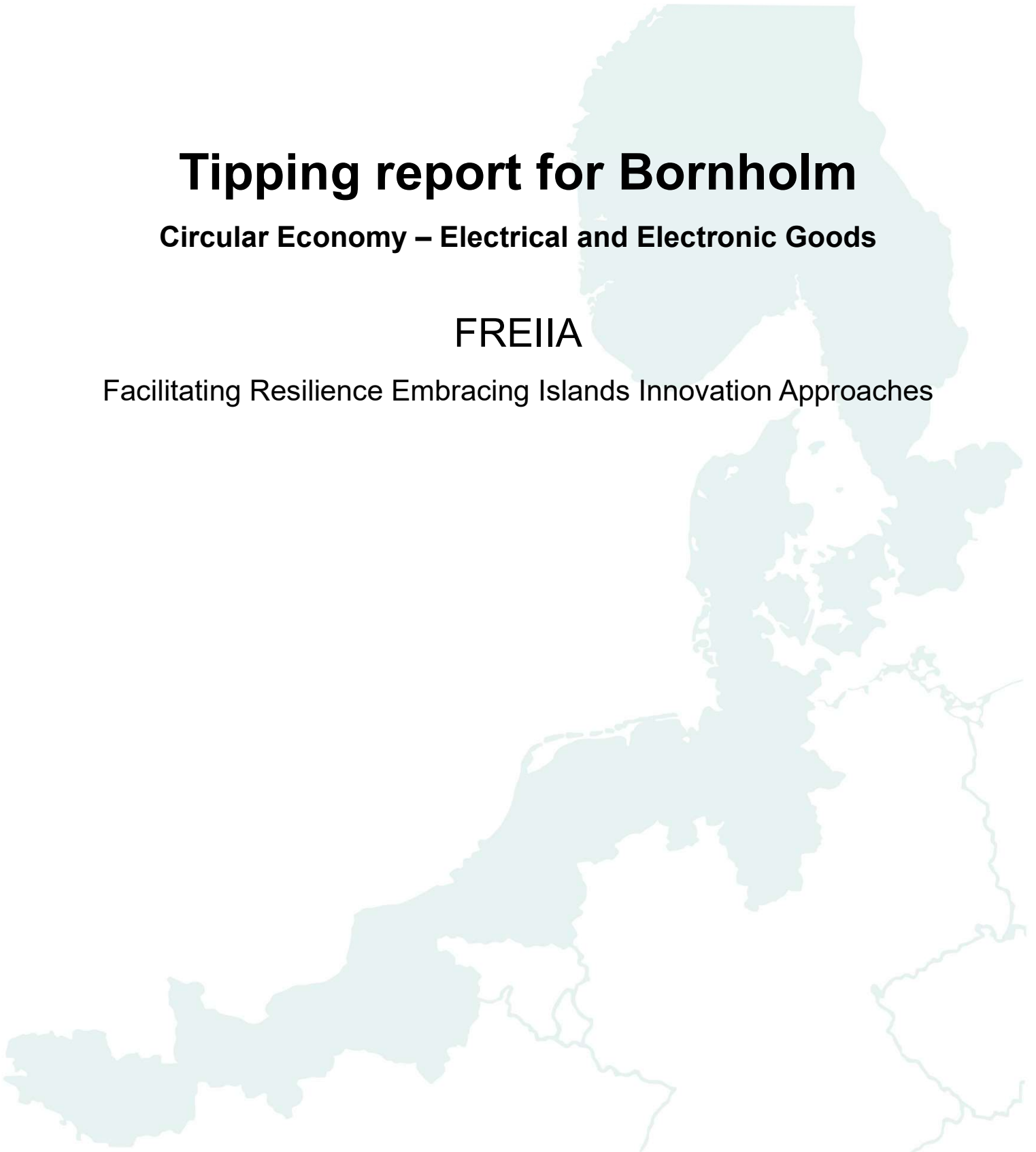
FREIIA

Tipping report for Bornholm

Circular Economy – Electrical and Electronic Goods

FREIIA

Facilitating Resilience Embracing Islands Innovation Approaches



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Introduction

This report is written in a 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 building and construction waste
2. Circular economy for electrical and electronic goods - which have later in the process changed to the subject: Job creation through local circular initiatives

This report is a summary of the TIPPING strategies and intended project in the field of circular economy for electrical and electronic goods 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 Report for Bornholm

The Opportunity Assessment report for Bornholm contains of 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

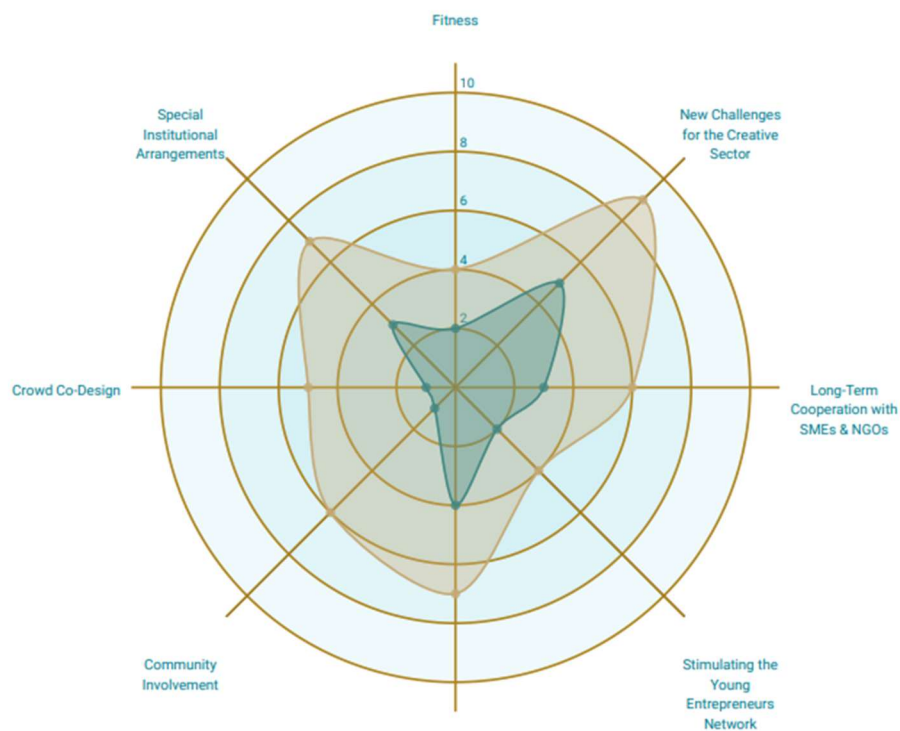
Within these sections circular economy perspectives for Bornholm is discussed. Through discussions with BOFA and based on the Opportunity Assessment Report it was a wish from BOFA to work with circular economy within and electrical and electronic goods.

To summarise what has been discussed in the Opportunity Assessment Report:

- 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. It is important to mention that these scores are not only for electrical and electronic goods, but for circular economy in general. 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 electrical and electronic goods are relevant as e.g. Business Centre Bornholm, Møbelfabrikken, FGU 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 electrical and electronic goods. The most relevant cases from the CE Opportunity Assessment Report for electrical and electronic goods is as follows:

FGU/ReuseLab

Repair Café

Zero Waste Bornholm innovation platform

Folkemødet Bornholm

SMEs that offer internships

Business Centre Bornholm

Campus Bornholm

In the TIPPING workshop between BOFA and AAU, it was discussed how a project related to circular economy within electrical and electronic goods and including some of the abovementioned actors, could look like. It was chosen to work further with the REUSE-LAB, that is an offer for young students to learn how to repair whitegoods and sell it for reuse. An already existing project between BOFA, AAU, FGU and other works with the idea and system for the REUSE-LAB. Yet at the workshop it was chosen that the REUSE-LAB project, should not be the focus of the future TIPPING and RUDDER workshop, but instead be a case. The main goal of the REUSE-LAB is to create jobs for the younger generation at Bornholm, through reparation of products, that would have become waste. Therefore it is discussed that the subject of the TIPPING and RUDDER workshop is *job creation through local circular initiatives*.

Reference list

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