



**BLADE  
-MADE**

A photograph of a wind farm at sunset. The sky is filled with orange and yellow clouds, and the sun is low on the horizon. Several wind turbines are visible in the distance. In the foreground, a large, white, curved object, likely a repurposed wind turbine blade, is partially visible, framing the bottom left of the image.

# BLADE -MADE

## **Blade-Made is a scalable repurposing strategy**

The value of regional circular chains to upcycle wind turbine blades.



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# Playground Wikado

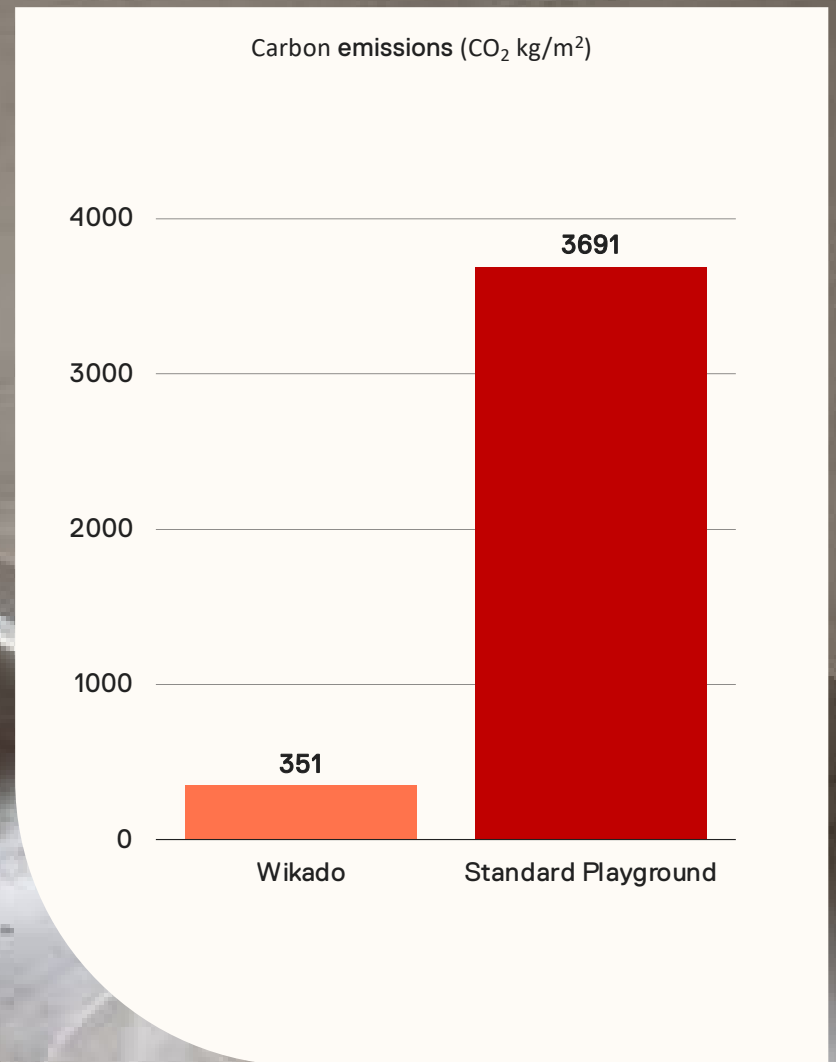
Blade-Made prototype for the reuse of wind turbine blades

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CO<sub>2</sub> emissions Playground Wikado

An aerial photograph of a city square, Willemssplein in Amsterdam, featuring a large-scale urban furniture installation. The installation consists of several thick, red, blade-like structures that curve and intersect across the paved plaza. These structures are anchored to the ground by white, cube-shaped bases. Pedestrians are seen walking around the installation, and a tram is visible in the background. The scene is captured from a high angle, showing the layout of the square and the surrounding urban environment.

# REwind Willemssplein

Blade-Made street furniture

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## **Wikado Terneuzen**

Blade-Made playground on the beach

**Play-  
Grounds**



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**Marker Maastricht**

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Kringloop Zuid





Play-  
Grounds

**Dutch Design Week**

Collection of Blade-Made objects at DDW 2022

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A vertical garden is shown, featuring a dense arrangement of green plants. In the center, there is a decorative arrangement of dried, light-colored plant material. The garden is set against a backdrop of a clear blue sky and some bare tree branches. The text "BLADE -MADE" is overlaid in the bottom left corner.

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27

blades superused

10+

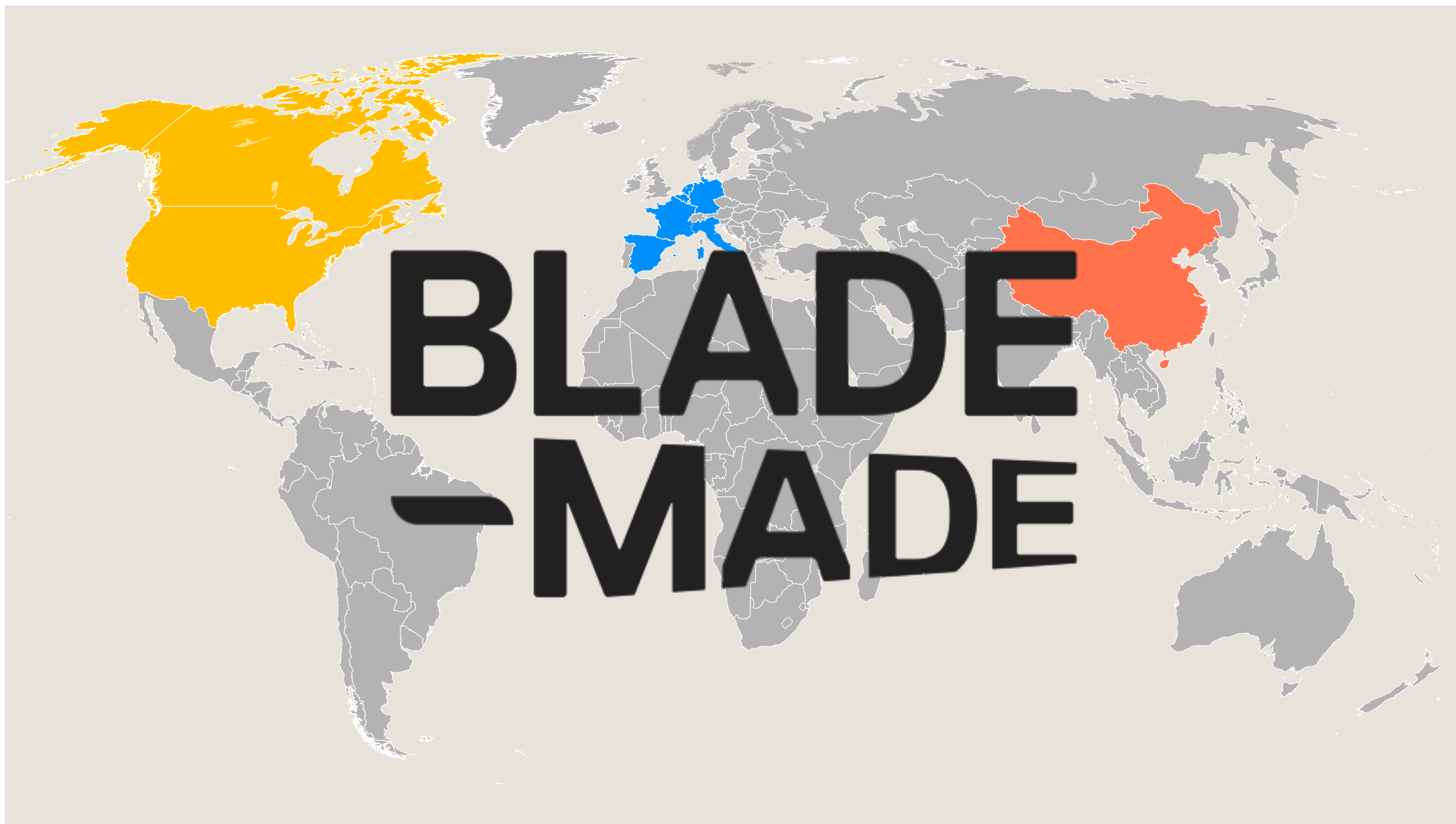
years proof of concept

up to  
90%

carbon emission reduction

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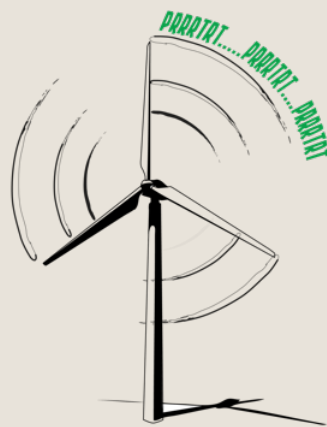




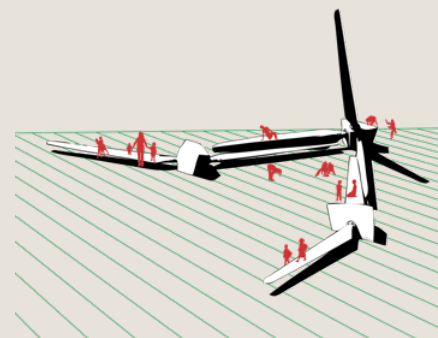
first life



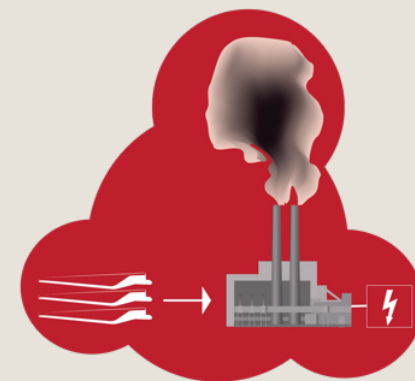
decommission



repair



## Blade-Made



recycle



# Transferstation

Whole Blade Reuse design for waiting area with furniture and planters

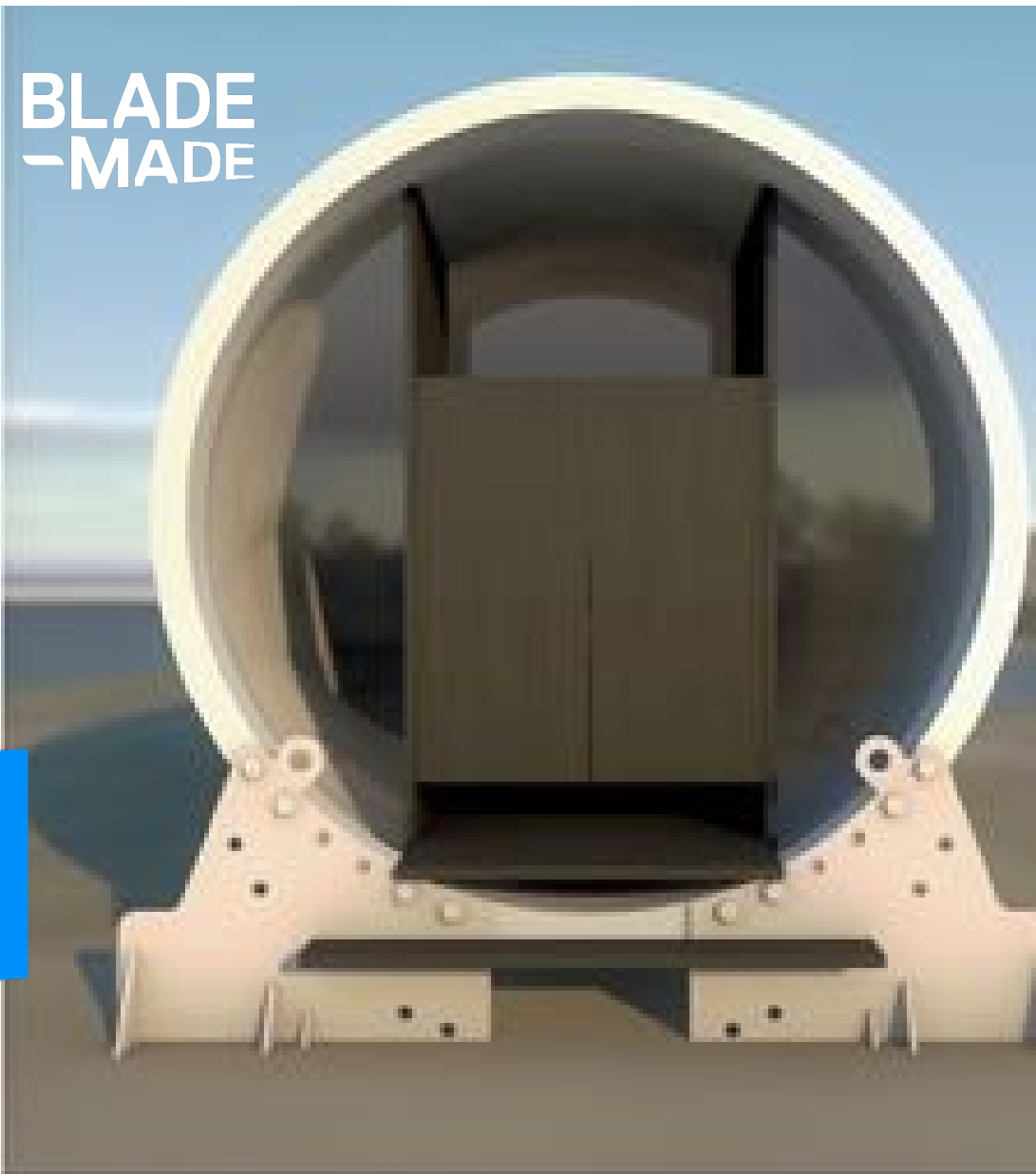
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## Blade Bridge Aalborg

Design for a pedestrian bridge with sauna and changing rooms in the root end







## Blade Barrier

Sound barrier along highways for long term functional blade storage

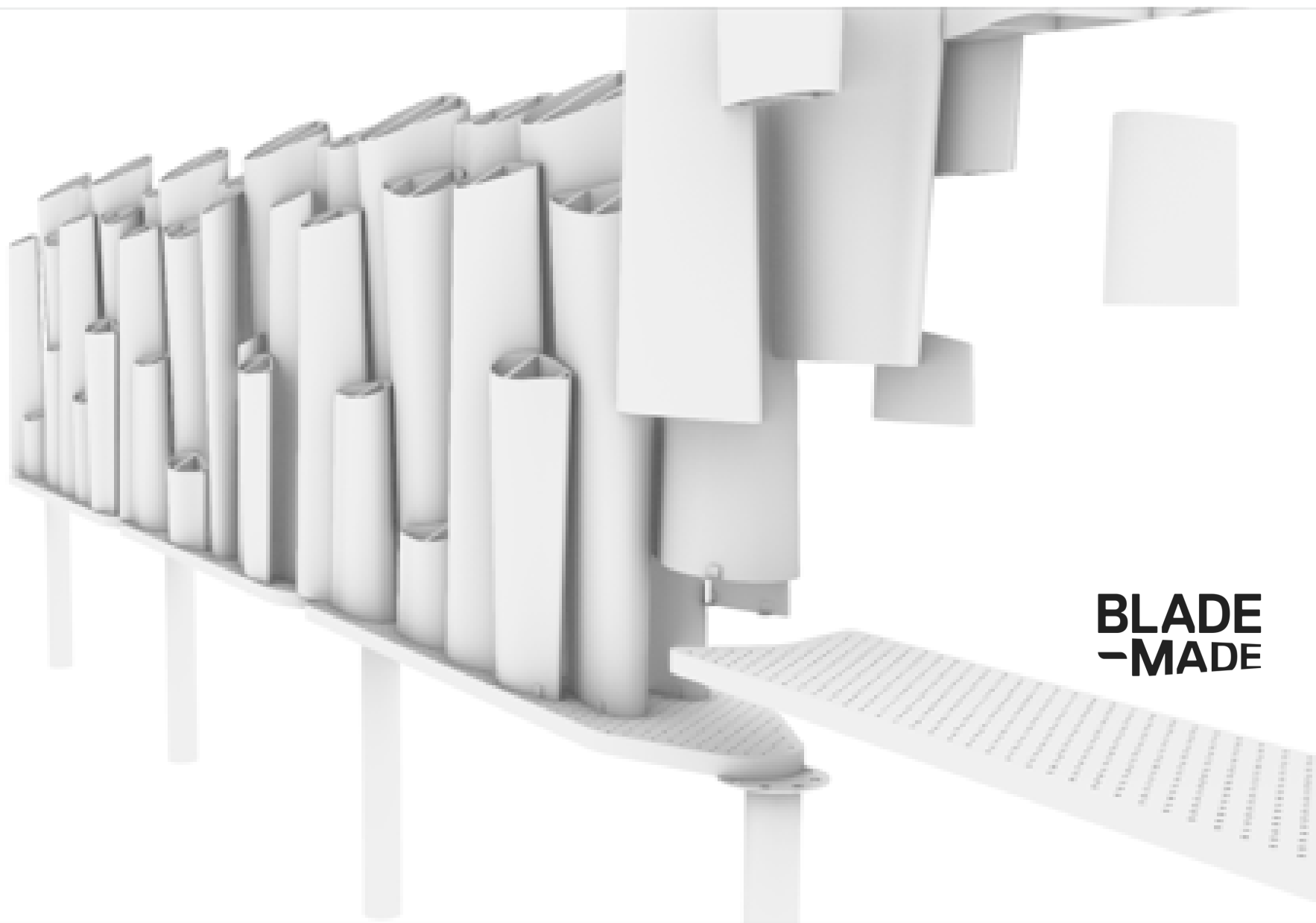
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6 meter

5 meter



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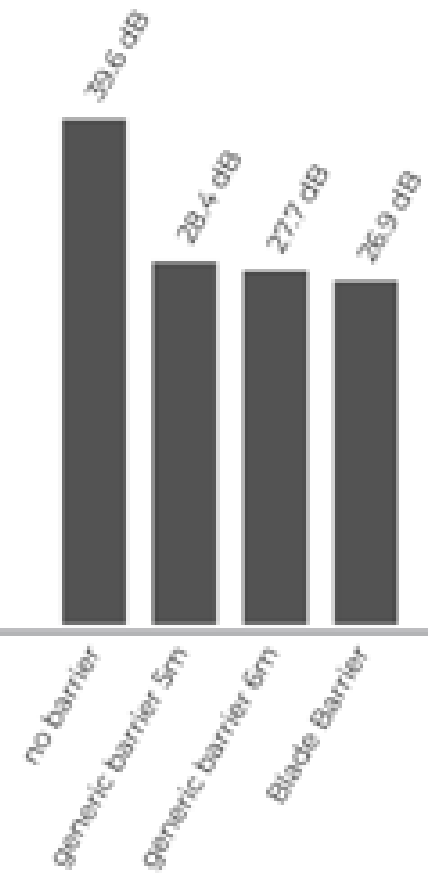
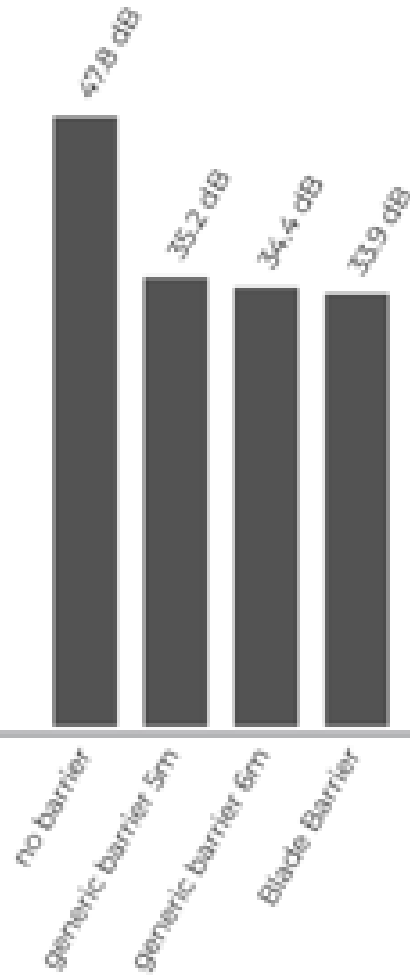
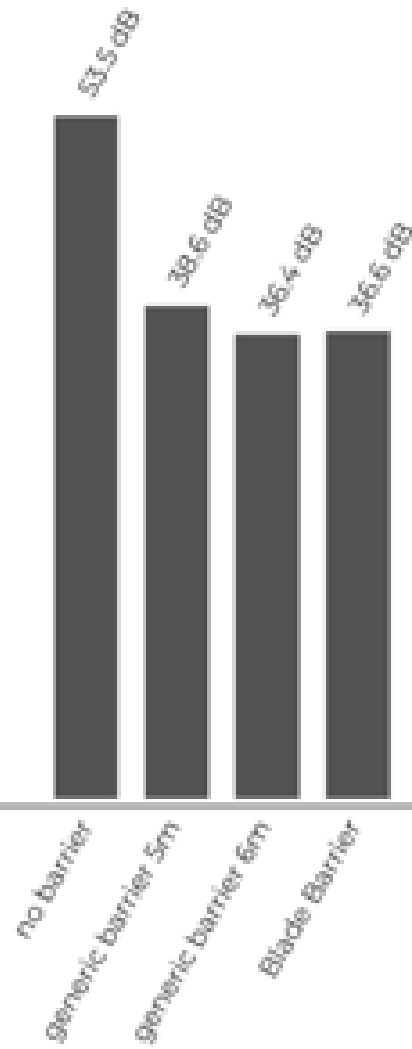
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Received Sound Pressure Level [dB]

Close (2 m)

Average (10 m)

Far (30 m)



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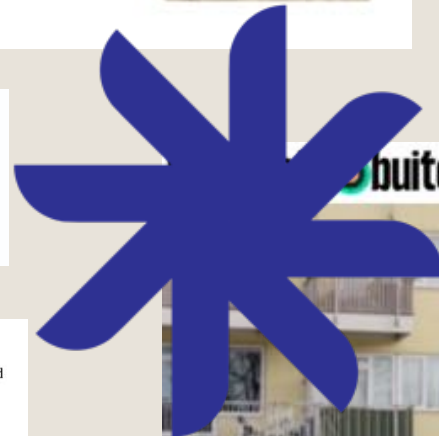
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# Acknowledgement and certification as incentive for our purpose



## The promise is in the scale.

Paradigm shift to get cascade accepted and focus from economics to corporate and climate responsibility

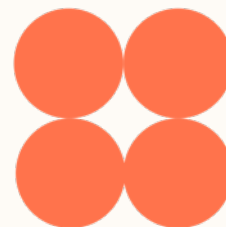
Regional, circular value chains to make it work

Plan ahead EOL WTB:

- Who
- When
- Where
- How many
- Which type

Work on the pace and in the region of the decommissionings of WTB's

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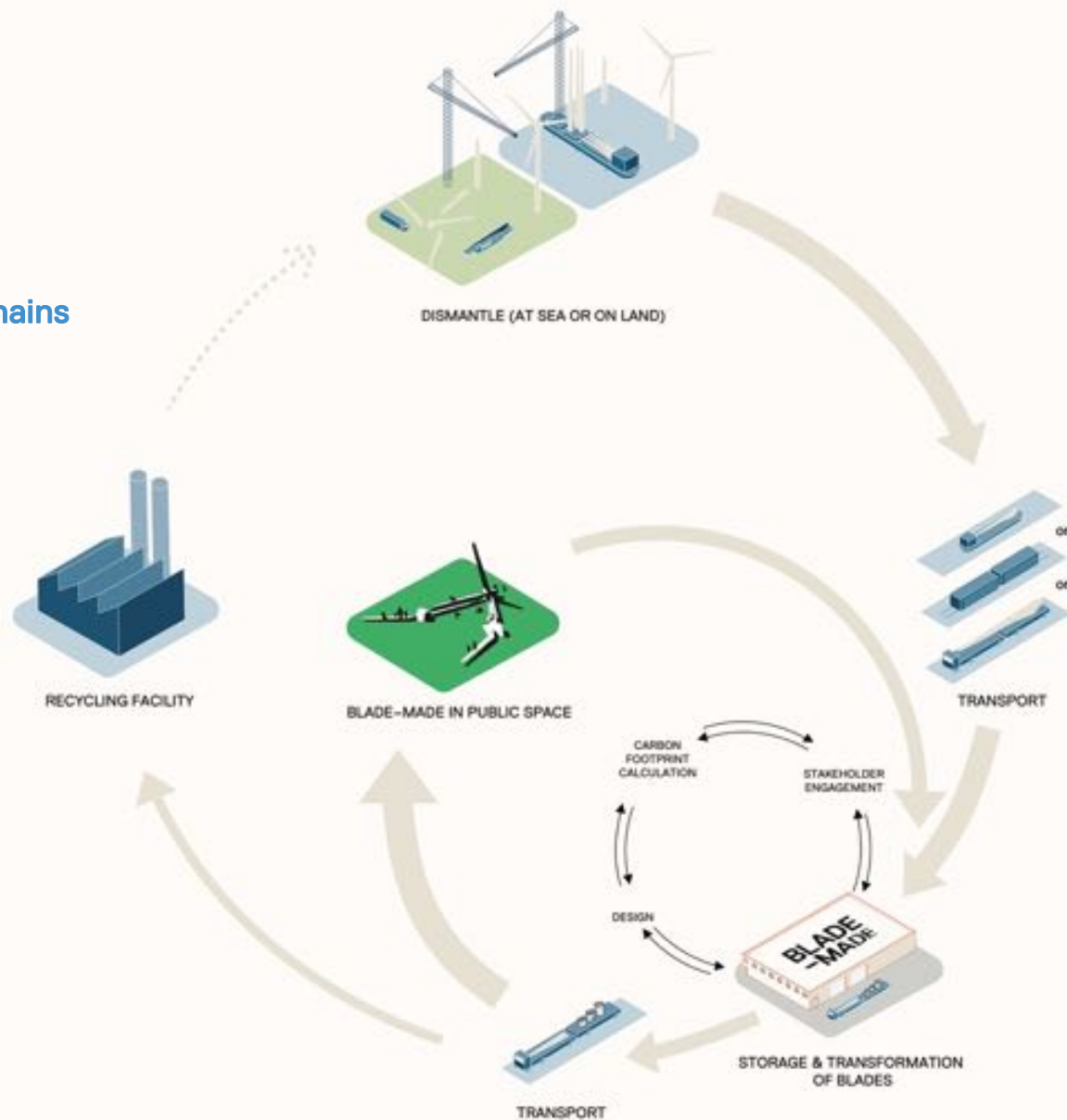


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Forms regional circular chains





# Circular Chain in the Netherlands

Collaboration with Business in Wind, Dura Vermeer Urban Miner, Superuse, GKB Groep, The Footprinters & New Citizen Design

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**Let's do this together.  
Thanks for your attention!**

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