1) Most hospitality businesses and general consumers cannot afford to purchase high quality mattresses.

2) Everyone has difficulty disposing of their used mattresses in an ethical and eco-friendly manner.

3) Mattress recycling is not financially viable.

4) Globally hundreds of millions of used mattresses are placed in landfills, openly incinerated, or fly tipped every year.
WORLD’S FIRST CIRCULAR ECONOMY MATTRESS SUBSCRIPTION PLATFORM

Lump sum payment powered by green bonds

Brand-new, high-quality mattresses

Product Manufacturers

Debt financing

Secured green bonds

Debt investors

Customers

Deposit + Monthly subscription fees from US$2.30/month

Subscription: 24 - 120 Months

Brand-new, high-value mattresses

Used mattresses for recycling

Revenue from sales of recycled materials

Recycled materials

Industries
OUR TRACTION

Current MRR: US$1,000

336 mattresses* have so far been deployed:
- 6 B2B customers in Thailand
- 3 B2B customers in Indonesia
- 10 B2C customers in Thailand.

Research grant: USD243k

*In standard size equivalence (107 x 198 x 24 cm.)
HOW TO RECYCLE A MATTRESS?

Fabrics and fibres can be used in industrial oil filters and other textile applications.

Polyurethane foams can be chemically broken down into polyol monomers, the building block of polyurethane foams and a wide range of products. The market for green polyols is expected to grow due to high demand from many industries.*

Steel springs can be recycled as metal scraps.

*Source: https://www.marketsandmarkets.com/Market-Reports/polyols market-725.html/
The annual addressable market size in Asia and Australasia, our beachhead markets, > US$1 billion, with the global market size > US$2.8 billion.

Note: 1) Average monthly subscription fee = USD6.26/room/month for 84 months. 2) Each hotel room requires two single-size mattresses. 3) Data sources available upon request. 4) Southeast Asia excludes Brunei. 5) South Asia excludes Pakistan, Bhutan, Bangladesh and Afghanistan. 6) Middle East excludes Akrotiri and Dhekelia, Iraq, Lebanon, Palestine, Syria and Yemen. 7) East Asia excludes North Korea. 8) Hotels account for only 15% of the total accommodation market. 9) Asia and Australasia account for 35% of the world’s travel and tourism; Source: https://wttcweb.on.uat.co/Research/Economic-Impact.
OUR FUTURE GROWTH

Note: Projected revenue as of Oct 9, 2021 based on B2B subscriptions sold in Thailand and Indonesia only.
OUR ENVIRONMENTAL IMPACT

Over the first six years of operation, our service will save at least:

5.2M mattresses - or 91k tonnes of materials - from becoming waste

126k tonnes of carbon dioxide emission.
FUTURE EXPANSION

Mattresses are just the beginning.

Next product categories:

- Batteries
- Solar Cells
- Electronic Devices
sustainability never sleeps.

For more information, contact:

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APPENDIX 1: OUR TECHNOLOGY STACK

1) Blockchain

2) Non-intrusive predictive credit risk assessment framework powered by:
   - Publicly available historical industry and economic data
   - Data Science, AI and Machine Learning
   - Customers’ profiles

3) Dynamic pricing based on customers’ credit risk profiles

4) IoT

5) Financially sustainable and eco-friendly recycling technologies
APPENDIX 2: OUR ENVIRONMENTAL IMPACT

Impact Projection
(From B2B subscriptions sold in Thailand and Indonesia only)

The materials recovered from retrieved used mattresses will be recycled or upcycled from 2027 onwards.

Our service will save as many as 5.2M mattresses - or 91k tonnes of materials - from entering landfills and polluting the environment over the first 6 years of operation.

At least 126k tonnes of carbon dioxide emission will be cut (= 27,400 cars removed from the road for 1 year**).

Through R&D, our recycling operation will achieve at least break-even.

Average amount of reclaimable materials per mattress (kg.)
(Spring mattress; 107 x 98 x 23 cm.)

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<th>Steel</th>
<th>Foam</th>
<th>Fabric</th>
<th>Felt</th>
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**https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator