



BILLERUDKORSNÄS

BillerudKorsnäs

Materials for the future

2021-01-13 Micael Ragnarsson



We challenge conventional packaging for a sustainable future

We work for a sustainable and circular society with packaging solutions that are renewable, recyclable and climate efficient.



Safety first

Safe work environment

Stable and efficient production



Climate change

Minimise CO₂-emissions

Renewable alternatives instead of fossil resources



Materials for the future

Product sustainability

Innovate new ways to use fibres

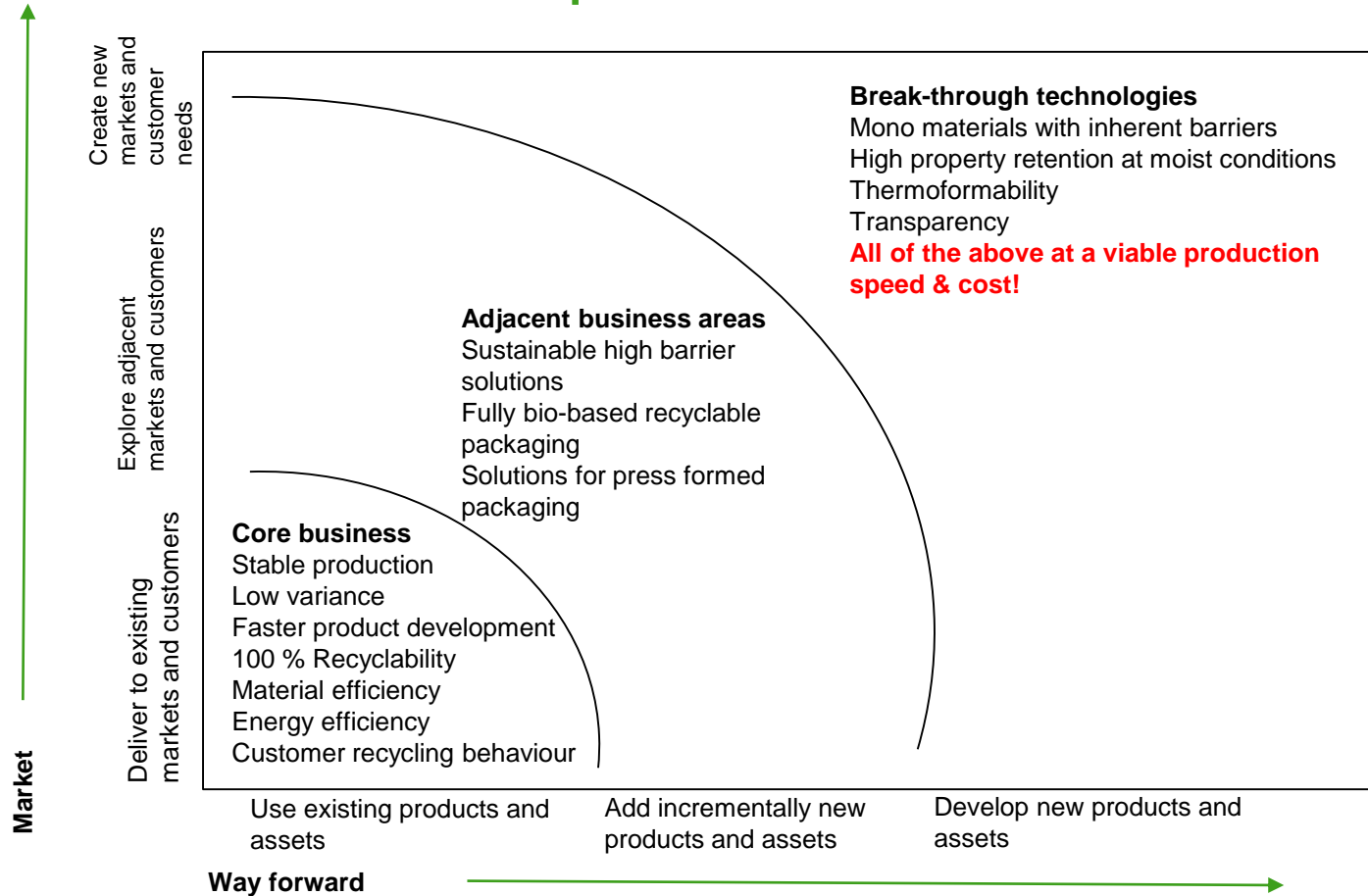


Sustainability foundation

Sustainable wood supply | Responsible supply chain | Engaging workplaces
Resource-efficient production | Community engagement | Responsible business

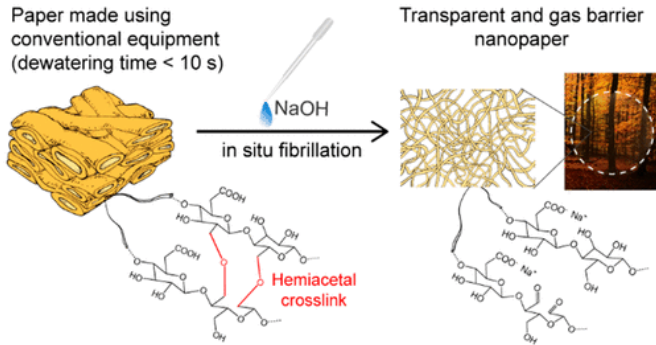


Development at different Horizons



Break-trough technologies

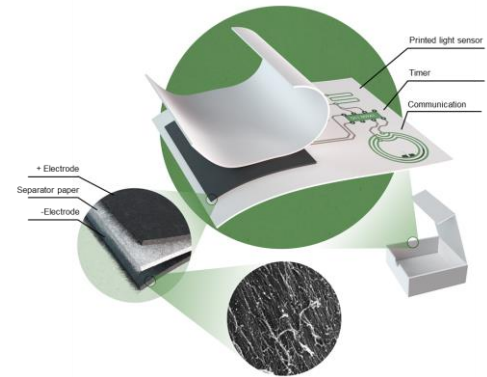
Groundbreaking research in need of scaled up production for market development



Transparent gas barrier nanopaper



Paper Bottle



Battery Paper

Adjacent markets

Sustainability driven development to take market shares from plastics



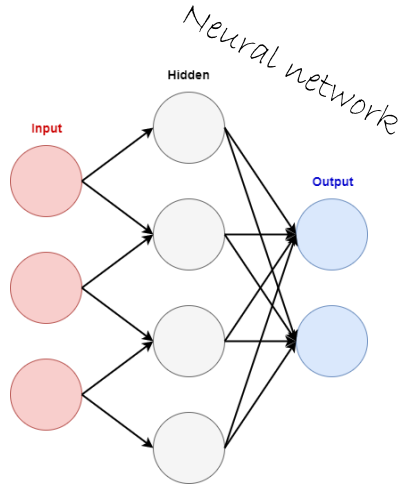
Exchanging plastic wrapping



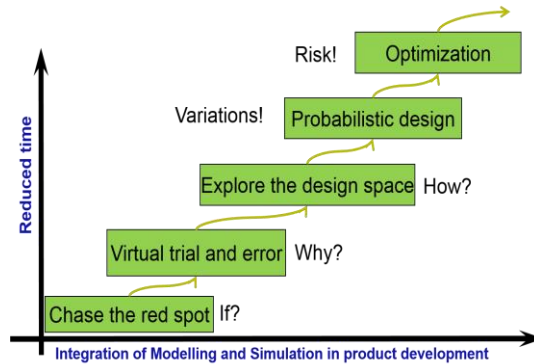
Shaped Paper Pods for uniquely shaped and right-sized packaging

Core business

Mature technologies can utilize groundbreaking research to evolve

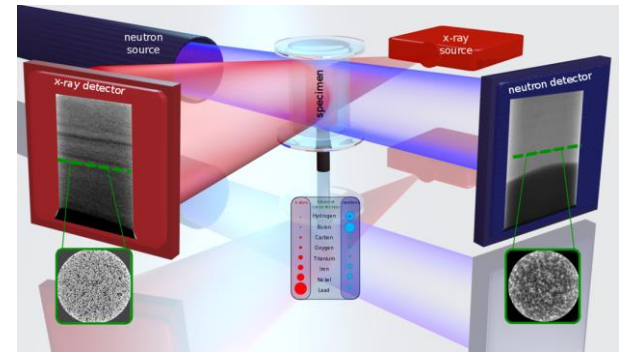


Machine learning, AI



Decrease lead time of product development through virtual trial and error...

Synchrotron and neutron colliders



Unravelling the mystery of Creep

Summary

Adjacent business areas

There is a window of opportunity right now where the future of packaging materials can be for a long time. We need to develop highly functional materials and a solution for recyclability that out smarts plastics!

Core business

Our core business has excellent sustainability but it needs to be defended. We must continue to improve our processes and environmental impact. We must also secure that we have a steady stream of well educated coworkers, right now process engineers

Break-through technologies

We want all that is good with plastics and aluminum but with the sustainability and ocean friendliness of pulp and paper!

We need to find the way to turn the great research going on into ravishing new business. Business development is key and it requires volumes to work with!



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Thank you for listening!



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