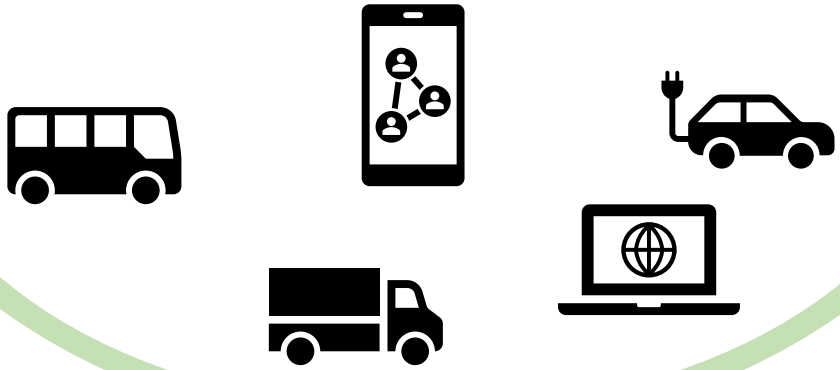
Enabling biobased energy storage

Bright Day Graphene, October 2023

The Mega Trend

Increased electrification to reduce CO^2



The Problem

Batteries:

- Fossil based
- Rare Earth Metals
- Inefficient

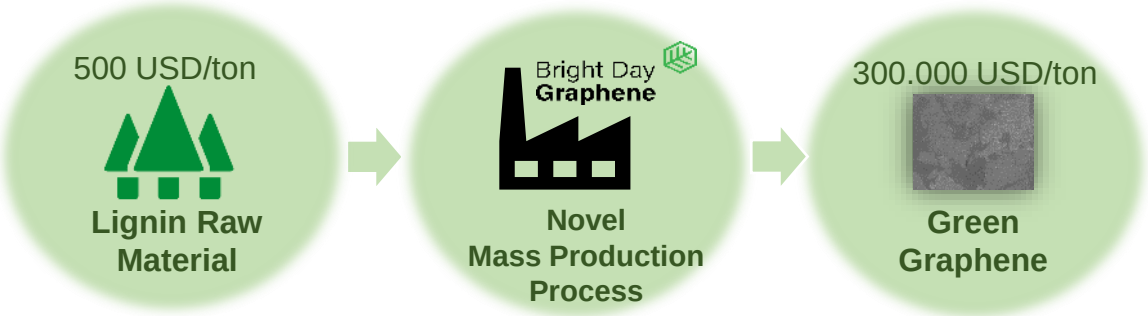
The Solution

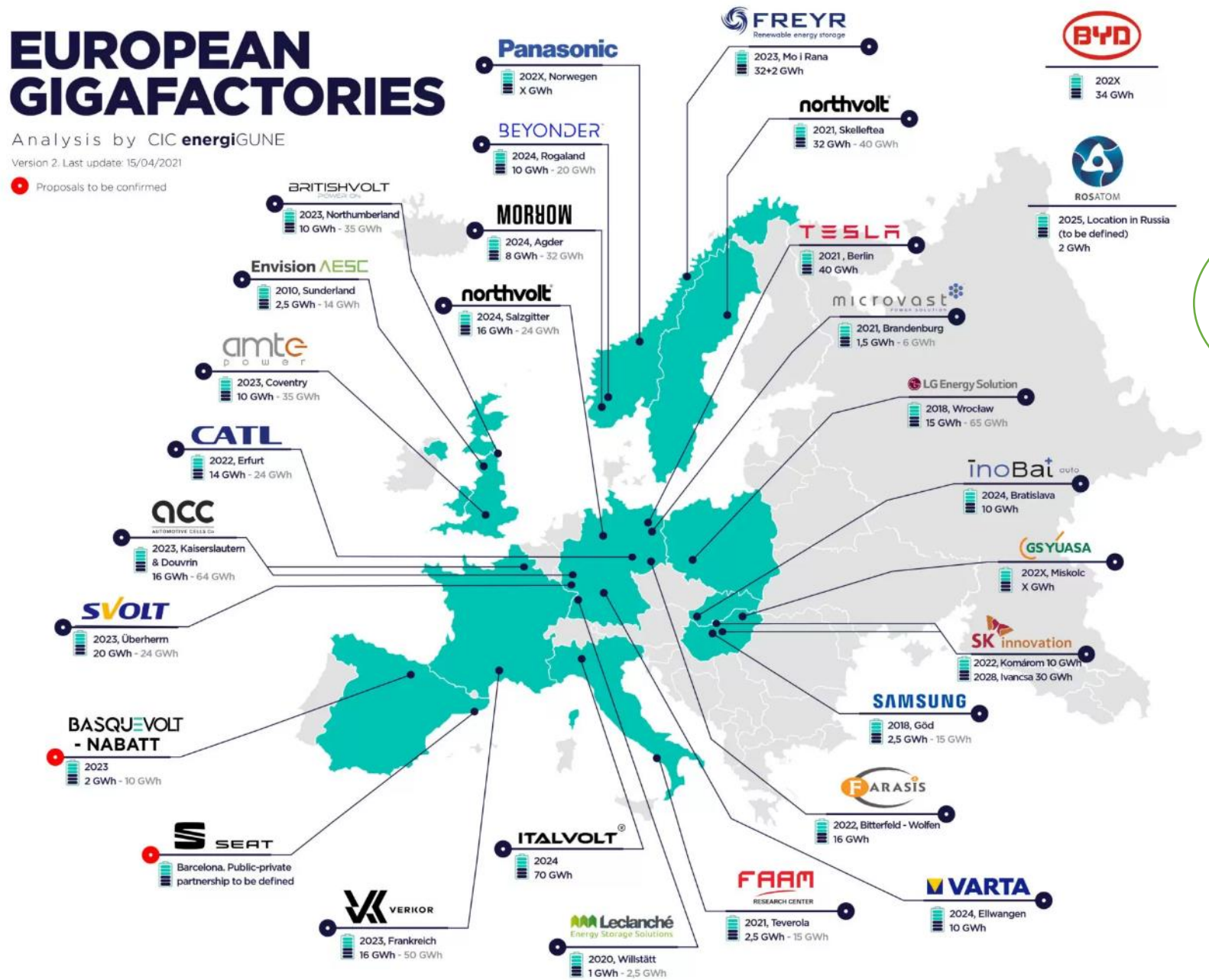
Bright Day Graphene proprietary technology:

- Fossil free, biobased graphene from Lignin
- Conductive
- Light weight
- High specific surface area

Conductive additive in batteries:

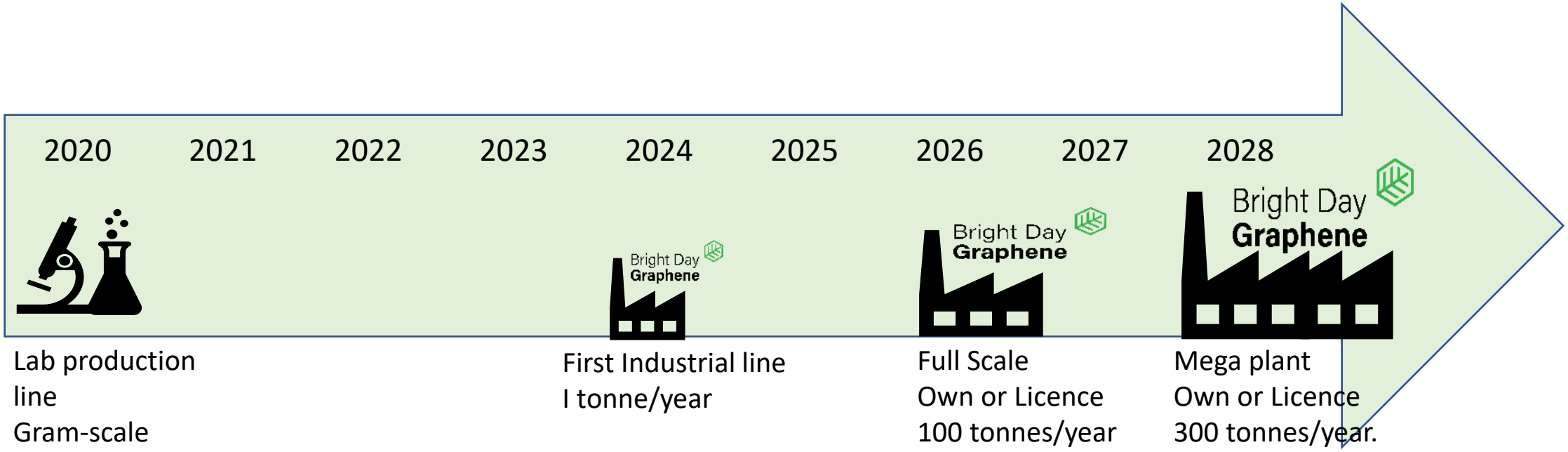
- Longer Lifetime
- Reduced weight
- Faster charging
- Safer
- Using no rare metals
- Circular – Fossil free.





One gigafactory would need approx. 100 tonnes* of graphene.

Scaling production



Project scope

This project will prepare for an industrial plant for the production of bio-based graphene for efficient, sustainable energy storage in Sweden. Choosing the best geographical location for such production and ensure that a technically, economically and environmentally sustainable scaling of production is carried out with continued optimization of technology and profitability.

Questions? Please contact us:

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