



Local biomass is a material treasure. In 2015, the Agency for Renewable Resources (Fachagentur für nachwachsende Rohstoffe) published that **30.9 million tonnes** of plant biomass accrue unused in **Germany every year.**

How can this material treasure be converted into added value?



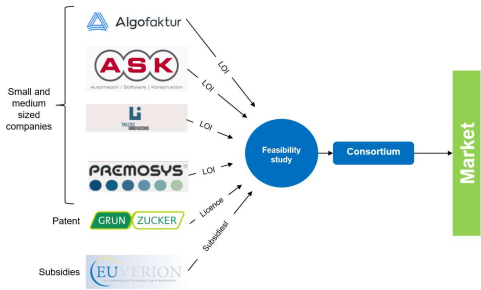
The **GRÜNZUCKER®** technology makes it possible to process biomass of any quality on site for the **production** of a **sugar syrup.** It may be moist as desired.

What do I do with the sugar syrup?



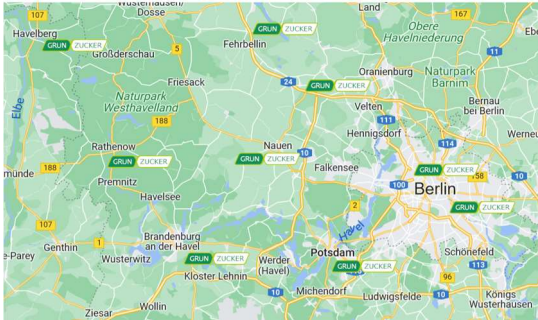
Sugar, like petroleum, can be converted into all carbon-based feedstocks. **Biomass-based chemistry is possible.** Plastics, for example, can be produced from it.

Does this technology exist on the market?



The **GRÜNZUCKER®**-technology is to be **developed consortially** - a feasibility will be examined. Four companies and the Fraunhofer ICT are in the process of preparing this. Further companies and research institutes are approached and invited to bring the technology to maturity with their expertise.

How does value creation stay with local people?



In order for this material treasure to **benefit the local people**, (preferably cooperative) structures are to be formed locally which will operate **GRÜNZUCKER®** plants in the future. The **GRÜNZUCKER®** initiative is looking for co-actors, co-thinkers and proactive people and institutions who will help to create such structures and this vision.