DSM-Japan organized Sustainability Forum in March 2017.

Left to right
Kiyoshi Matsuda (Mitsubishi Chemical),
Yuji Nakahara (DSM), Dimitri de Vreeze (DSM), His Excellency Aart Jacob (Ambassador of the Netherland), Yukari Takamura (Nagoya Univ.), Futoshi Nasuno (METI) and Takejiro Sueyoshi (UNEPFI)

DSM
BRIGHT SCIENCE. BRIGHTER LIVING.

Led dialogues with industries/ministries/academia

Established three attractive innovation platforms

DSM Biomedical

Innovative materials that deliver more advanced clinical procedures and improved patient outcomes

DSM Bio-based Products & Services

Advanced enzymes and yeast platforms: enabling advanced bio-energy and bio-based chemicals

DSM Advanced Solar

Smart coatings and surface technologies to boost performance in the solar industry

Bringing Life Sciences and Materials Sciences competences together

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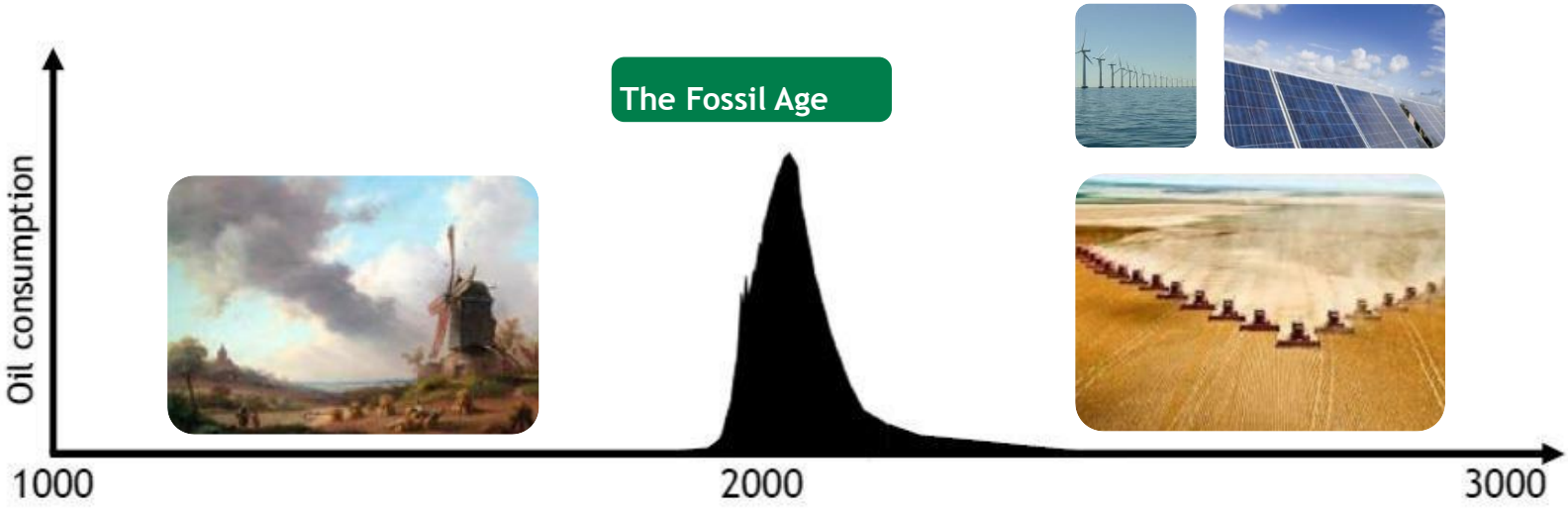
DSM Bio-based Products & Services

Why Renewable Energy?



Living off the land

A brief moment in history, “the Fossil age”

Living off the land

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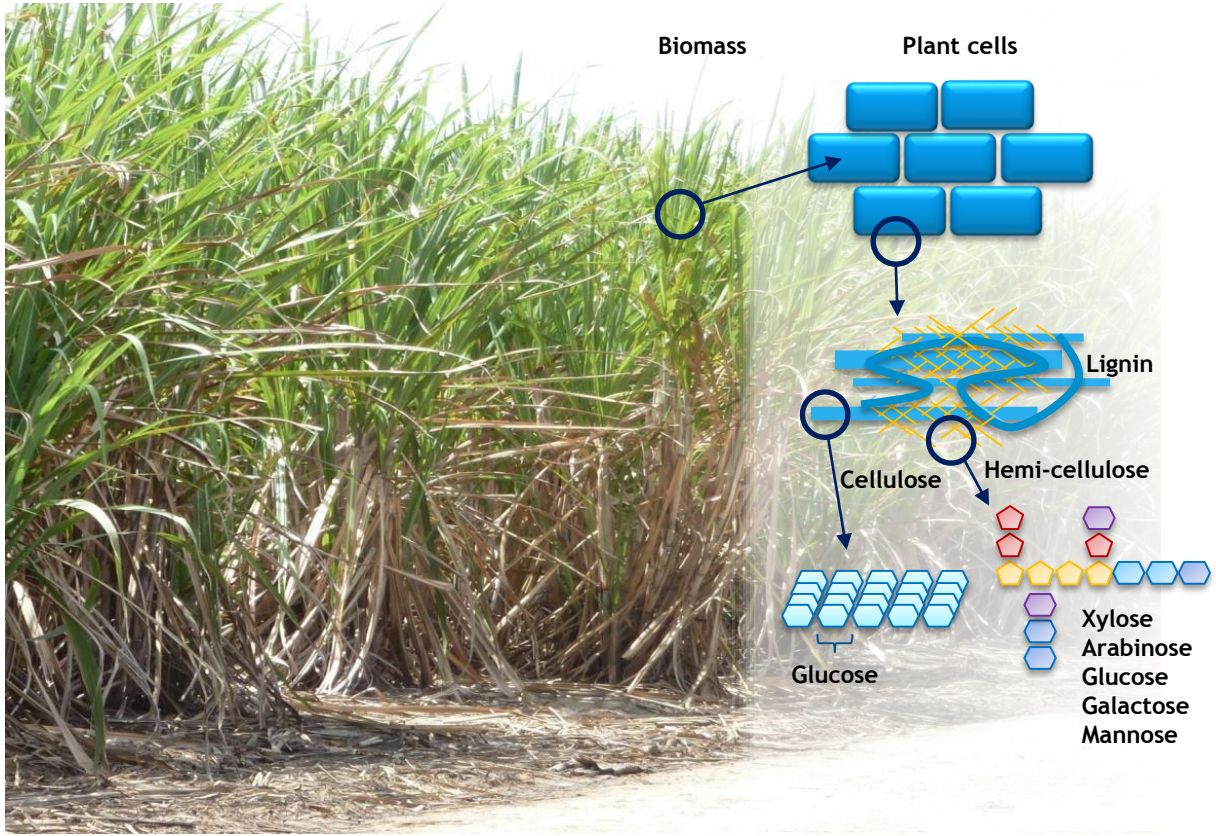
Biomass as a source of fermentable sugars



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Leading biotech solutions

- 100+ years of experience in biotech
- Cross-over various technologies in DSM
- Top scientists; leading in innovation
- Extensive IP portfolio (Yeasts & Enzymes)
- State of the Art R&D and Application labs
- Leading business and academic partners

Reliable large scale execution

- Large scale Yeast and Enzymes production
- Extensive Pilot and Process scale-up capabilities
- Strong Large Capital Projects Management
- Customer focused, fast-acting technical support

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Advanced yeasts

improved yeasts on enzyme level and on robustness…

Through targeted genetic modifications (rational and evolutionary techniques) DSM developed a broad, IP protected, portfolio of Advanced yeasts:

- Xylose fermentation
- Arabinose fermentation
- By-product reduction
- Yeast-cell energy balance
- Fermentation processes

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