



Cosun Beet Company

Saccharides, and much more.....

Bram Fetter

COO Cosun Beet Company

Bright Beet Solutions



Cosun



Potato
specialities



Animal feed



Sugar- and
sugarspecialities



Fruit- and vegetable
concentrates



Inuline
(dietary fibre)



BIOBASED EXPERTS

GREEN PROTEIN



Non-food
biobased products



Proteins (RuBisCo)
from green leaves



Cosun Beet Company

- 3 sugar factories
- 2 speciality factories
- 1 export terminal Eemshaven
- 3 biomass digesters (green gas)
- 1 bio-ethanol installation



Our ambition

It is our goal to become the
greenest, most innovative, and
most successful sugar-beet
processor in the world!



the world's greenest,
most innovative and
most successful
sugar beet processor



Green by heart

Largest green gas producer NL
Since 1990 50% energy reduction
Minimizing carbon footprint

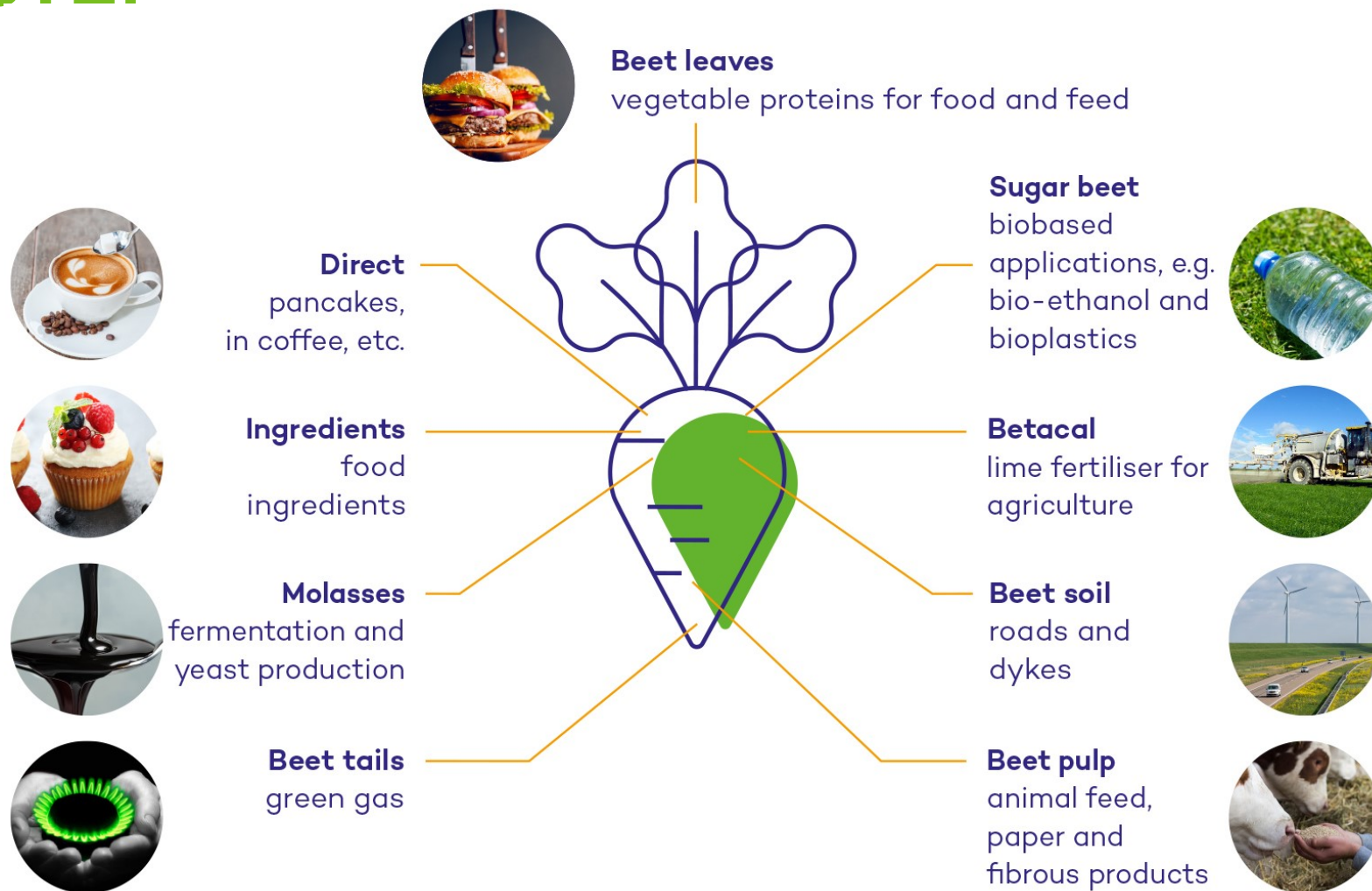
Renewable Carbon Initiative

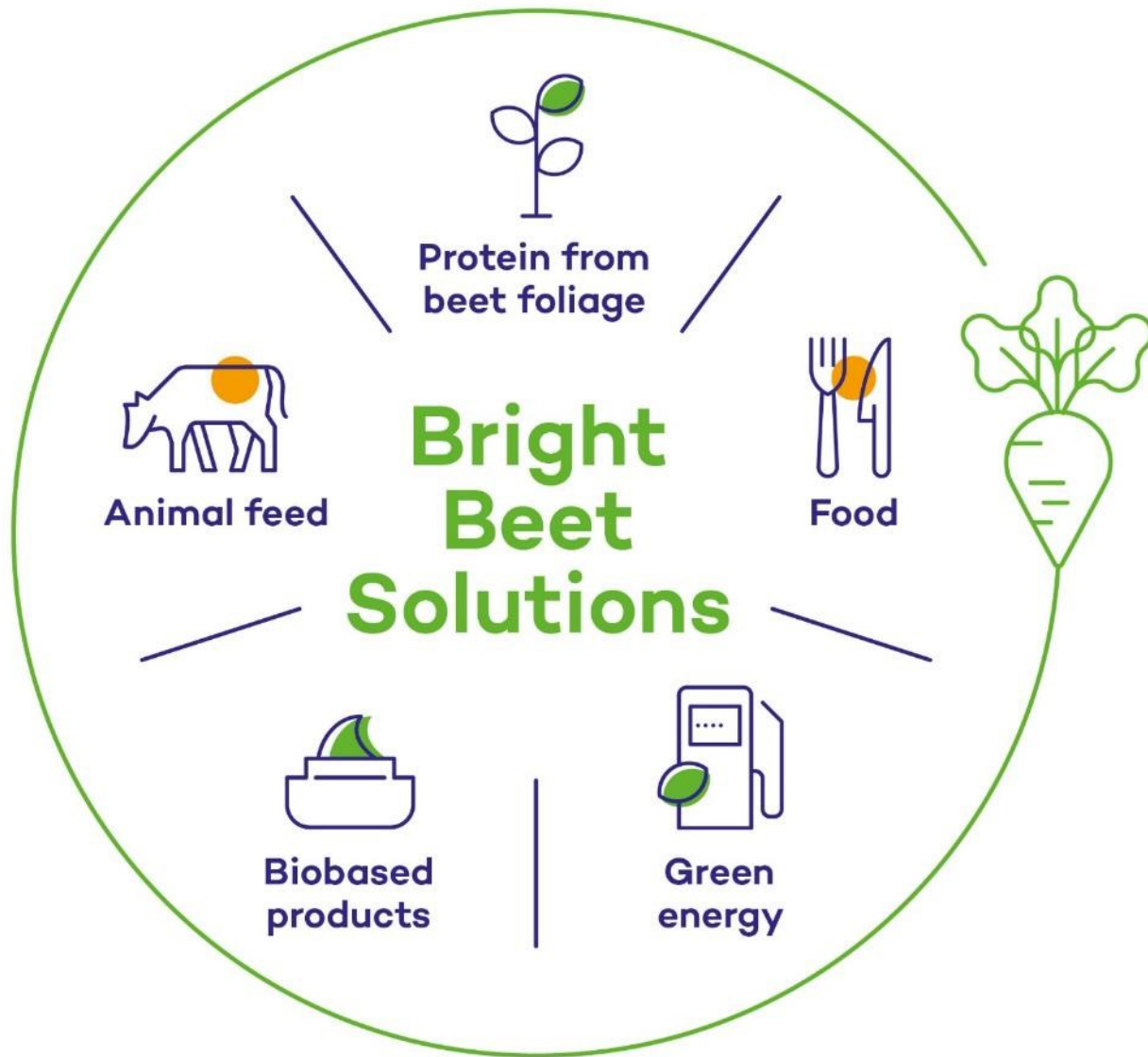
Green Circles

SAI Gold level
Ecovadis Platinum level



NO WASTE!





We make a plant-based contribution to the circular solutions needed for the current social challenges we all face:

Bright Beet Solutions

Biobased Routes



Betafib application markets

Personal care and cosmetics

- Shampoos
- Skin care
- Hand soaps
- High solids



Home and fabric care

- Hard surface cleaners
- Laundry (fabric care)
- Maintenance products
- Scouring creams



Paints & Coatings

- Water borne paints
- Anti graffiti

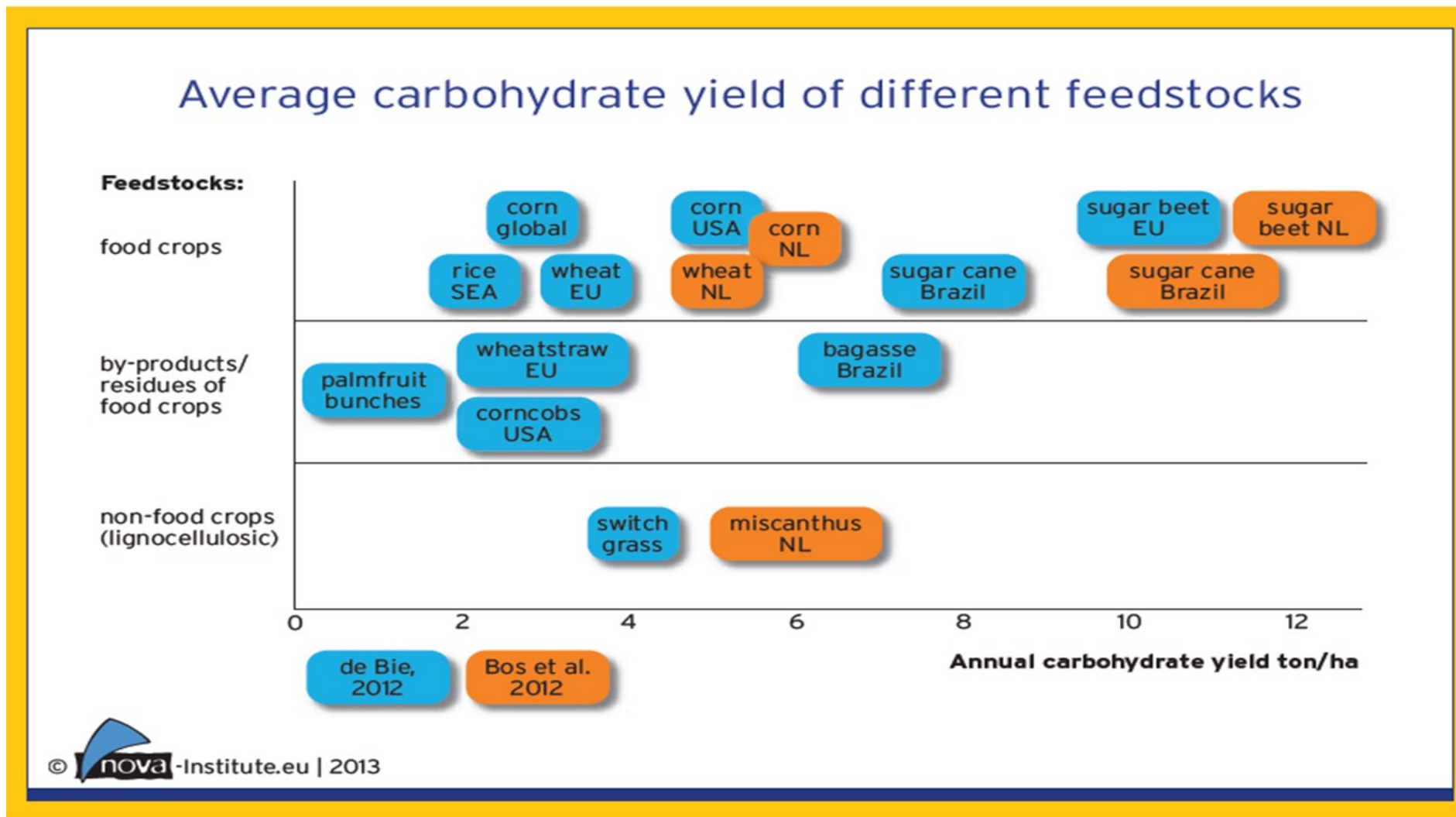


Building & Construction

- Tile adhesives



Sugar beet is best saccharide source



Saccharide Agenda

Noord4Bio study 2015

Working together
Strategic partnerships

Regulations (circularity)
Facilitate utilities e.g.
Financial incentives

Believe, make it happen
1st Industrial scale-up

Suikerbiet als chemische motor

Suiker biedt grote mogelijkheden voor verdere vergroening van de chemie in Noord-Nederland. De bietencampagne van Cosun Beet Company in Hoogkerk start vandaag en werd gistermiddag ingeluid met een suikeragenda. Een visie op suiker in de chemie tot 2050.



Bram Fetter (rechts) van Cosun en gedeputeerden Liekebrand Rijkse (links) en Henk Brink lanceren een plan over het gebruik van suiker in de chemische industrie.

FOTO: WEROLD JURIAN DE JONG

RICHOLD BRANDSMA

Alle voorwaarden voor suiker als biogroedstof voor de chemie in het Noorden zijn aanwezig. In Drenthe en Groningen wordt de suikerbiet op grote schaal geteeld. De suikerfabriek in Hoogkerk verwerkt de bie-

From technology concept to full scale



Ideation - Concept

↓
Labscale

↓
Pilot

↓
Demo

↓
1st Industrial

↓
Full Scale

Technology

Technology/BC

Market/Application/BC

Launching customer

LC / Partner/ JV



Questions?