

FEED
STOCK
FLEXI
BLE

160
Patents
and applications

60
years of
biorefinery
experience on
site

Located in
North Sweden
**BIORE
FINERY**

BRAND
CelluAPP®
verified
technology

100
years of cellulose
technology
development

**STRONG
networks**

27
years of
Ethanol research
programmes

12
years
Demo Plant
operations

SEKAB E-Technology AB

Sustainable development of innovative technologies

Inhemsk produktion av Biojet från skogsrester

Jonas Markusson
Innovation Manager, SEKAB

SEKAB BRIEFLY

- SEKAB:** “Swedish Ethanol Chemistry limited”
- Founded:** 1985
- Turnover 2017:** Approx. 770 MSEK
- Headquarters:** Bioraffinaderiet i Örnsköldsvik
- Employees:** 80
- Owners:** Energy companies and private

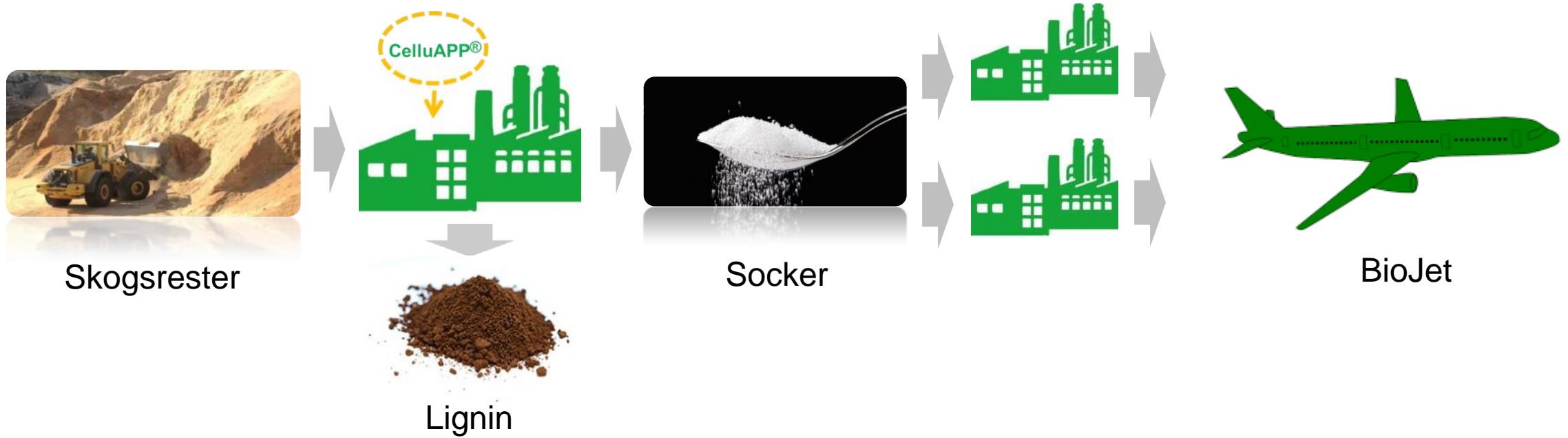


SEKAB E-Technology AB
EVP Thore Lindgren

SEKAB BioFuel Industries AB
CEO Tomas Nilsson

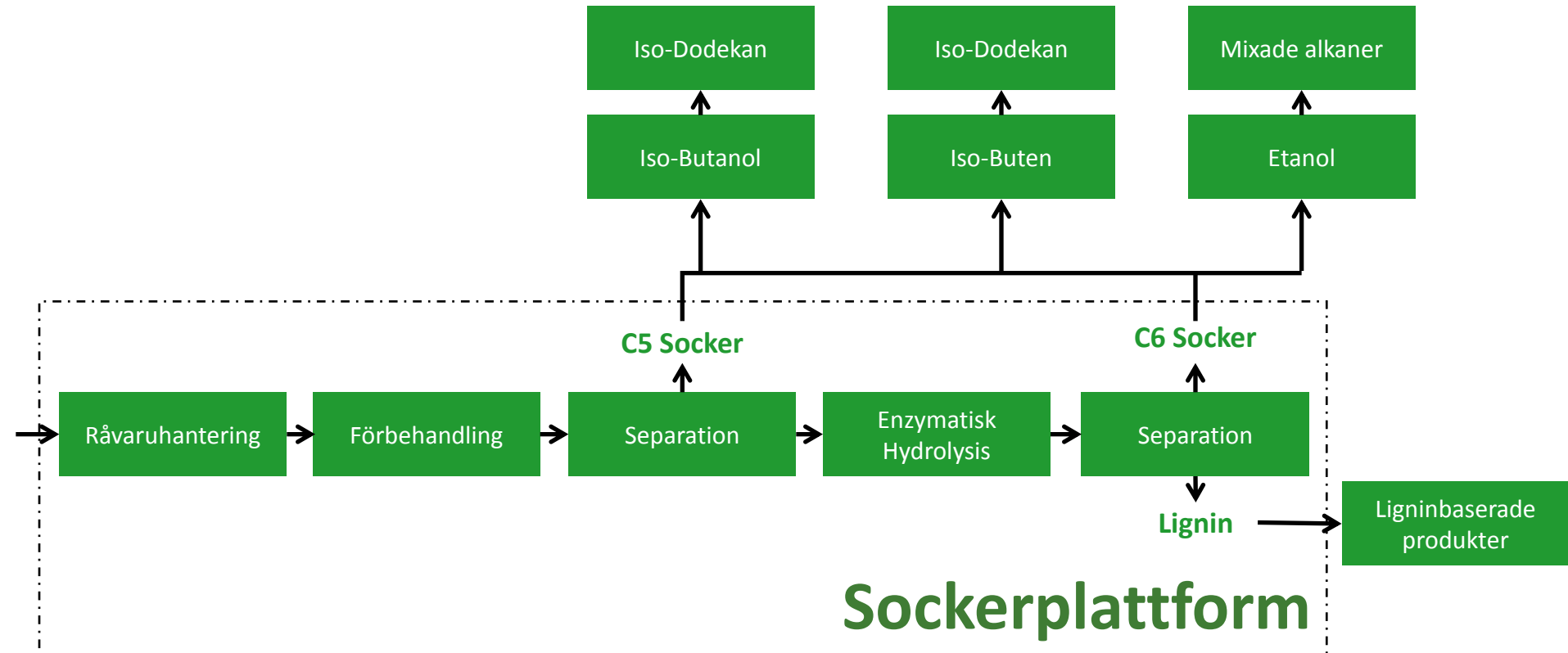
SEKAB BioFuels and Chemicals AB
CEO Tomas Nilsson

Biokemisk värdekedja





BioJet



Skogsrester

Forest2Jet – beskrivning

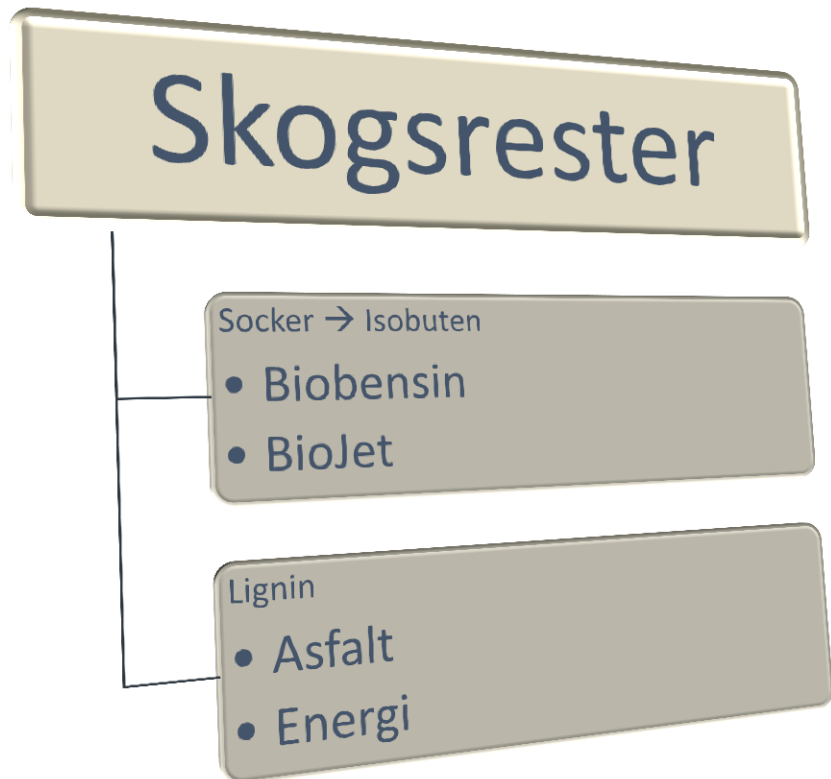
Skogsrester

Socker → ?

- BioJet

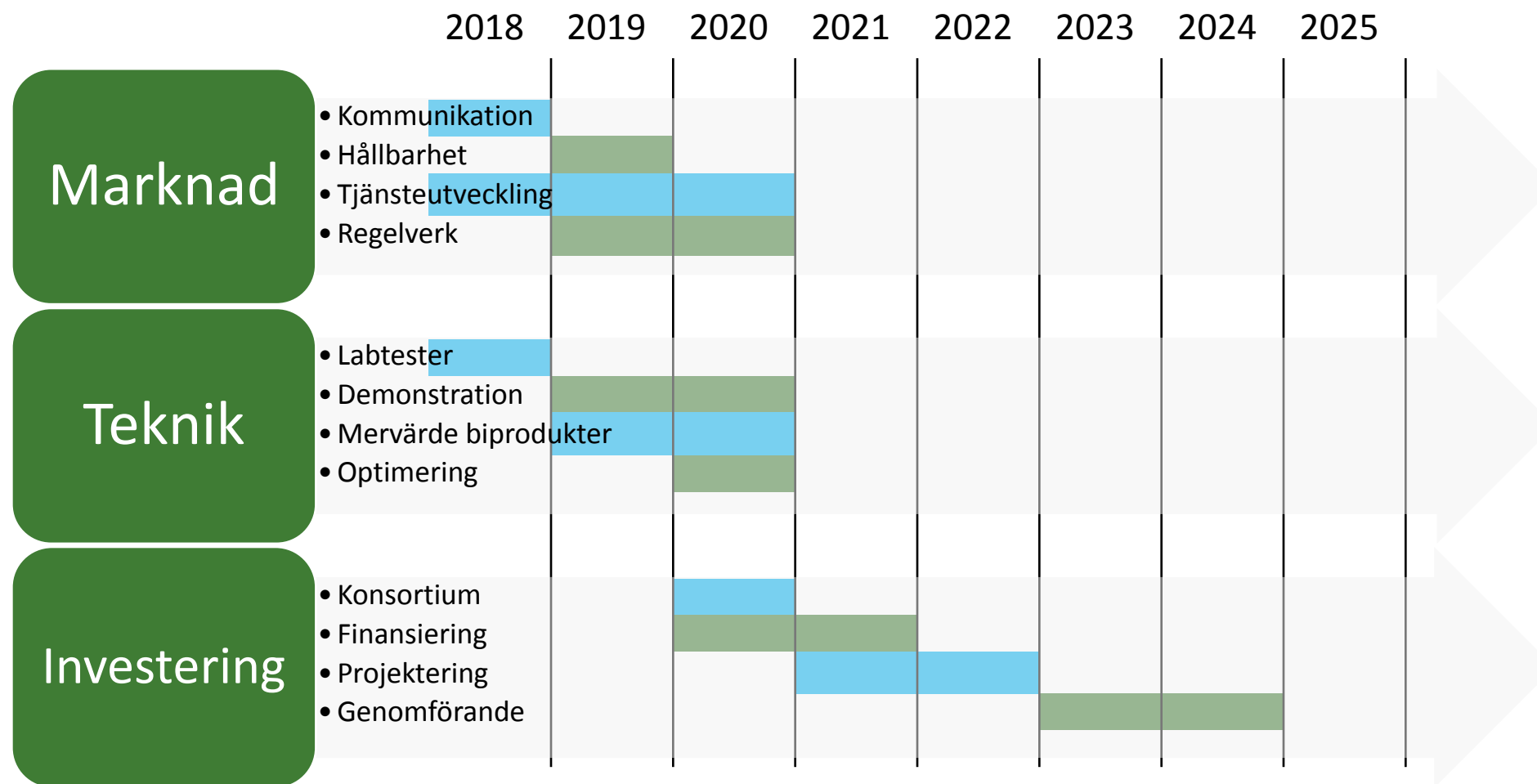
- Konceptuell studie
- Proof of concept (pilot/demo – nivå)
- Finansierat av TRV
- Projektdeltagare:
 - Swedavia
 - SkyNRG
 - RISE
 - COWI
 - SEKAB

Projekt X – beskrivning




- Horizon 2020 (snart offentligt)
- >190 miljoner Euro
- ASTM certifiering
- Teknologiverifiering
- 11 projektmedlemmar från 8 EU-länder

Roadmap – översikt / utmaningar



Summering

- Teknik att licensiera är tillgänglig
- Pris nära biodiesel krävs (regelverk)
- Demonstration, optimering & certifiering



**“THE FUTURE is about
SUSTAINABLE SOLUTIONS Now
and FOREVER”**