

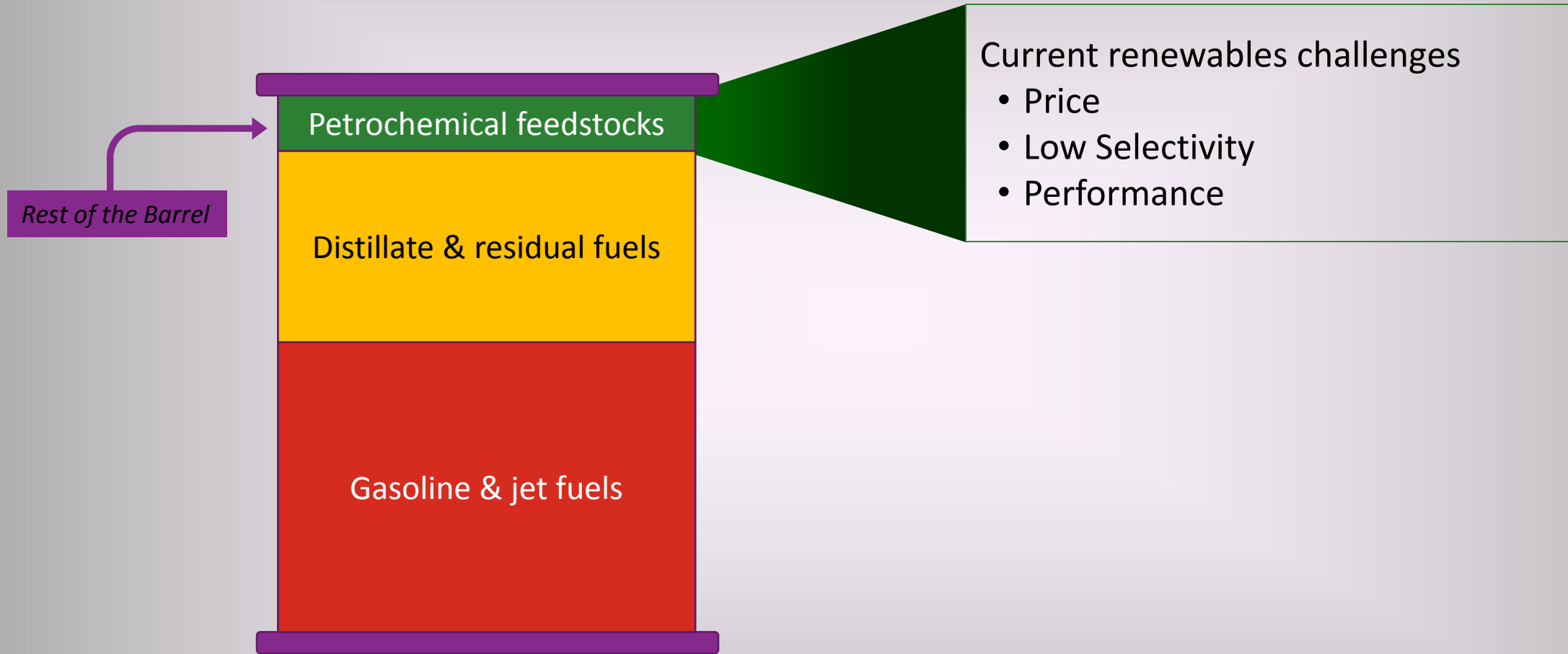
# ADVONEX INTERNATIONAL

We Make the “Rest of the Barrel” Green

Chad Joshi  
President & CEO



# 9% of Products from Crude Oil Produce 30% of Margins



# High Selectivity & Price Competitive Patented Technology



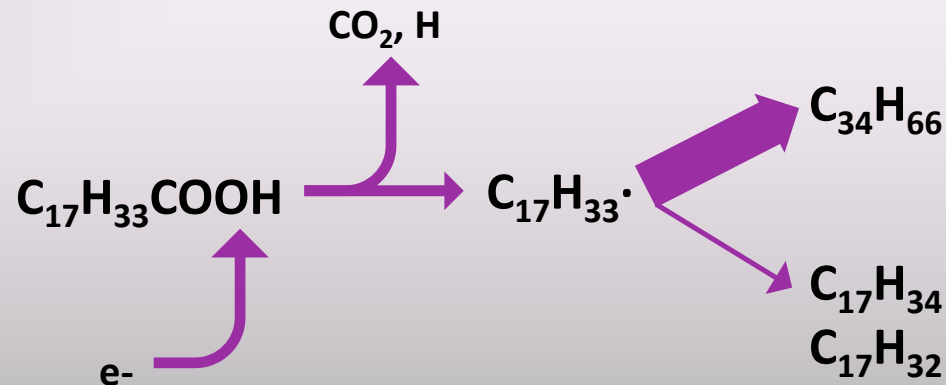
- Soybean
- Canola (Rapeseed)
- Coconut
- Palm
- Distiller's corn oil
- Used cooking oil
- Lard
- Tallow
- Algae
- Etc.

Fat Splitting

Electrolysis

Hydro-finishing

- High selectivity
- Competitive pricing
- Superior Performance

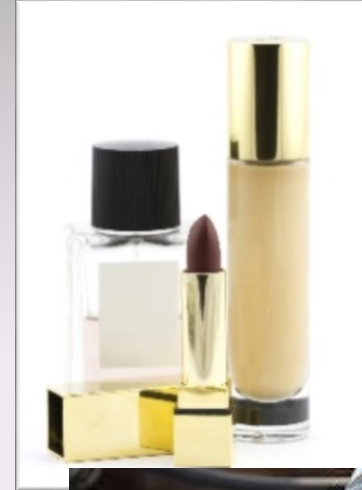


# Enables Spectrum of Renewable Products



- High selectivity
- Competitive pricing
- Superior Performance

Entrada®

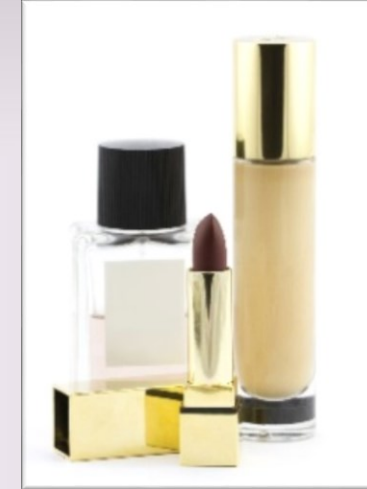


# Enables Spectrum of Renewable Products



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**Entrada<sup>®</sup>**



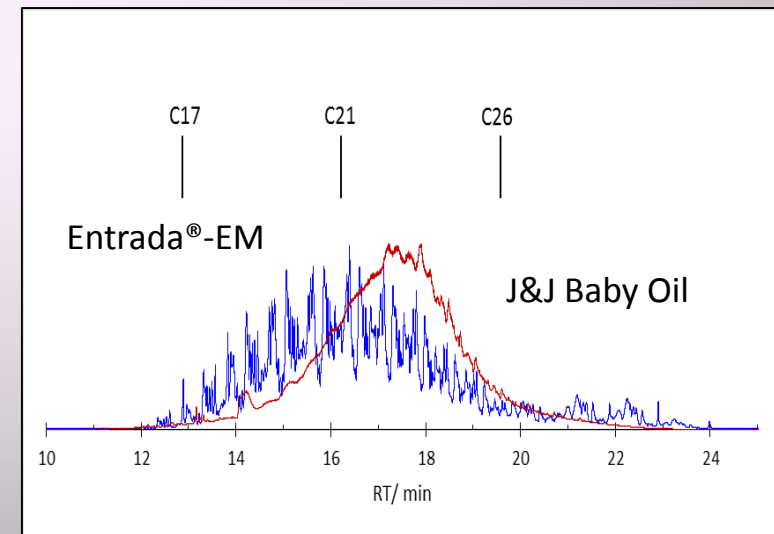
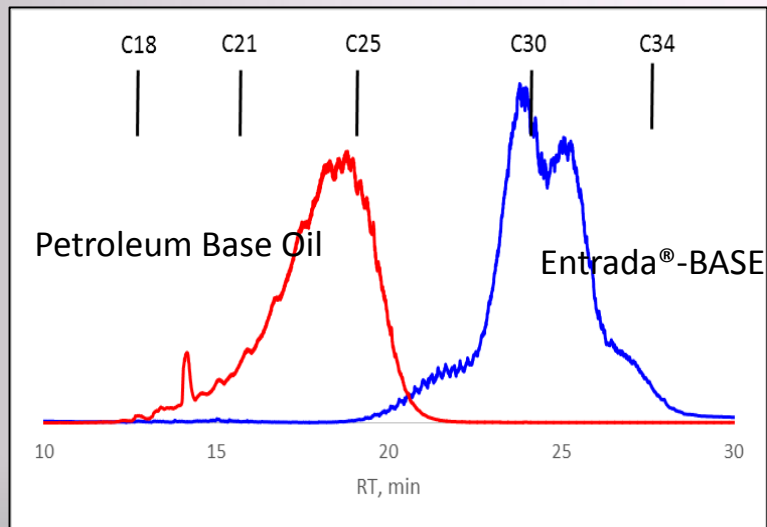
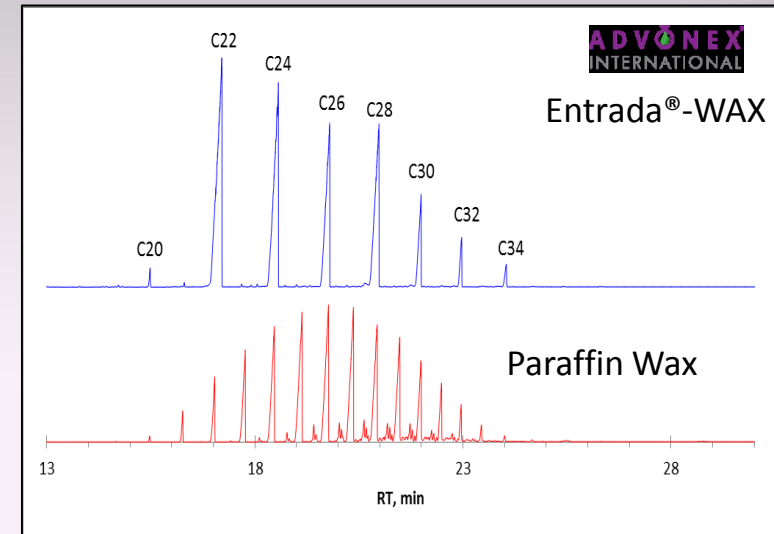
***“2018 Bio-Based  
Chemical  
Innovation of the Year”***



***Nominated  
“Most Sustainable  
Raw Material of  
2017”***



# Advonex Products Are Optimized for Each Application

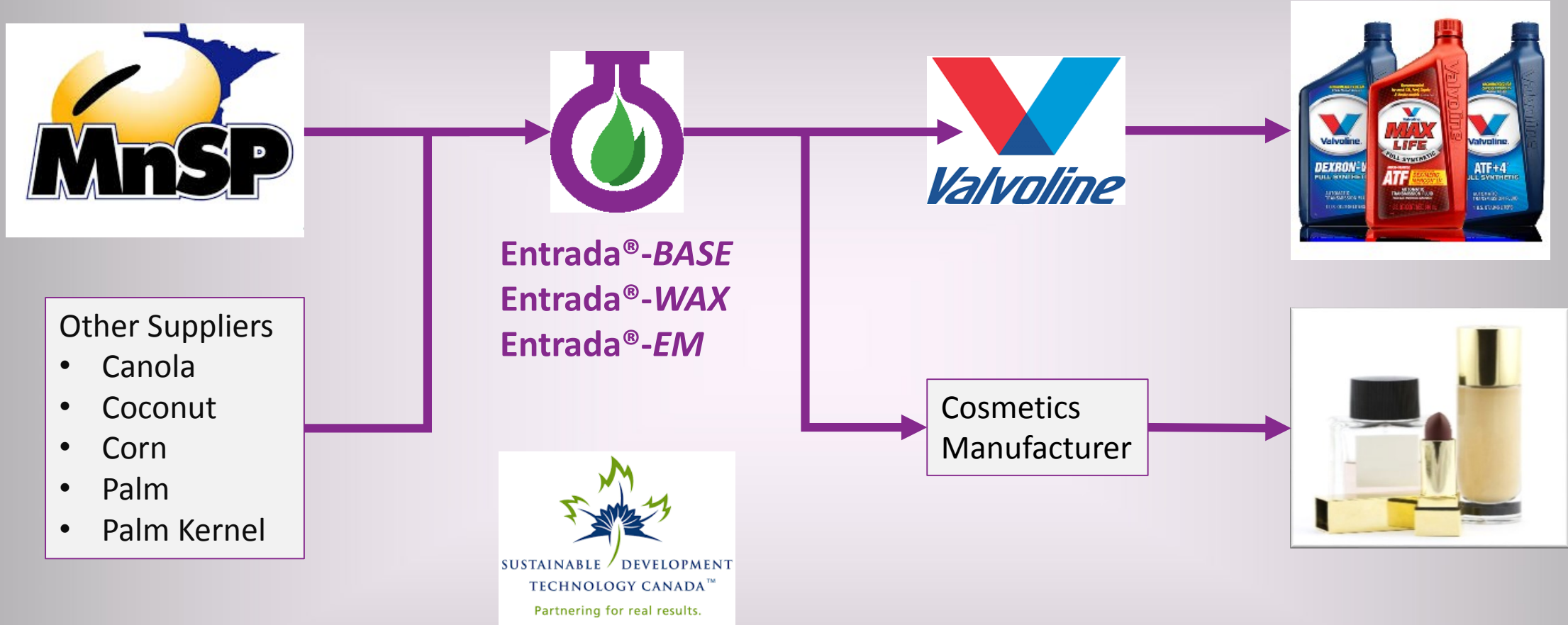


# Strong Intellectual Property Position

- Patents
  - US patents granted
  - Patents pending in EU, CA, MX, CN, TW, JP, KO, MY, IN, ID, BZ, AU, NZ
  - Additional IP being created through on-going R&D
- Globally registered trademarks
  - Advonex®
  - Entrada®
- Web domains
  - Advonexintl.com
  - Advonex.ca
  - AdvonexInternational.com



# Building on Successful Partnerships





# Experienced management, directors & advisors

## Management



**Chad H. Joshi**  
*CEO & Co-  
Founder*

- Founder of Energen, Vegawatt,
- American Superconductor Corp.
- PhD, MIT



**Michael Tkautz**  
*Business  
Development  
Manager*

- Founder of GreenCity Initiatives
- Robinson Innovations
- Marketing Advanced Diploma, Sheridan



**Dzmitry  
Malevich**  
*Electrochemist*

- Queen's-RMC Fuel Cell Research Centre
- Electrochemical Technology Centre at University of Guelph
- Ph.D. Chemistry, Belarusian State University

## Board of Directors



**Scott Austin**

Minnesota Soybean Processors



**Chad H. Joshi**

Advonex International  
*CEO & Co-Founder*

## Advisors

**Dr. Frances Lockwood**

Valvoline Inc.

**Sam Khan  
Scott Runte**

LaunchLab

**Dr. Brant Peppley**

Queen's U./RMC Fuel Cell Research Centre

**Dr. Warren Mabee**

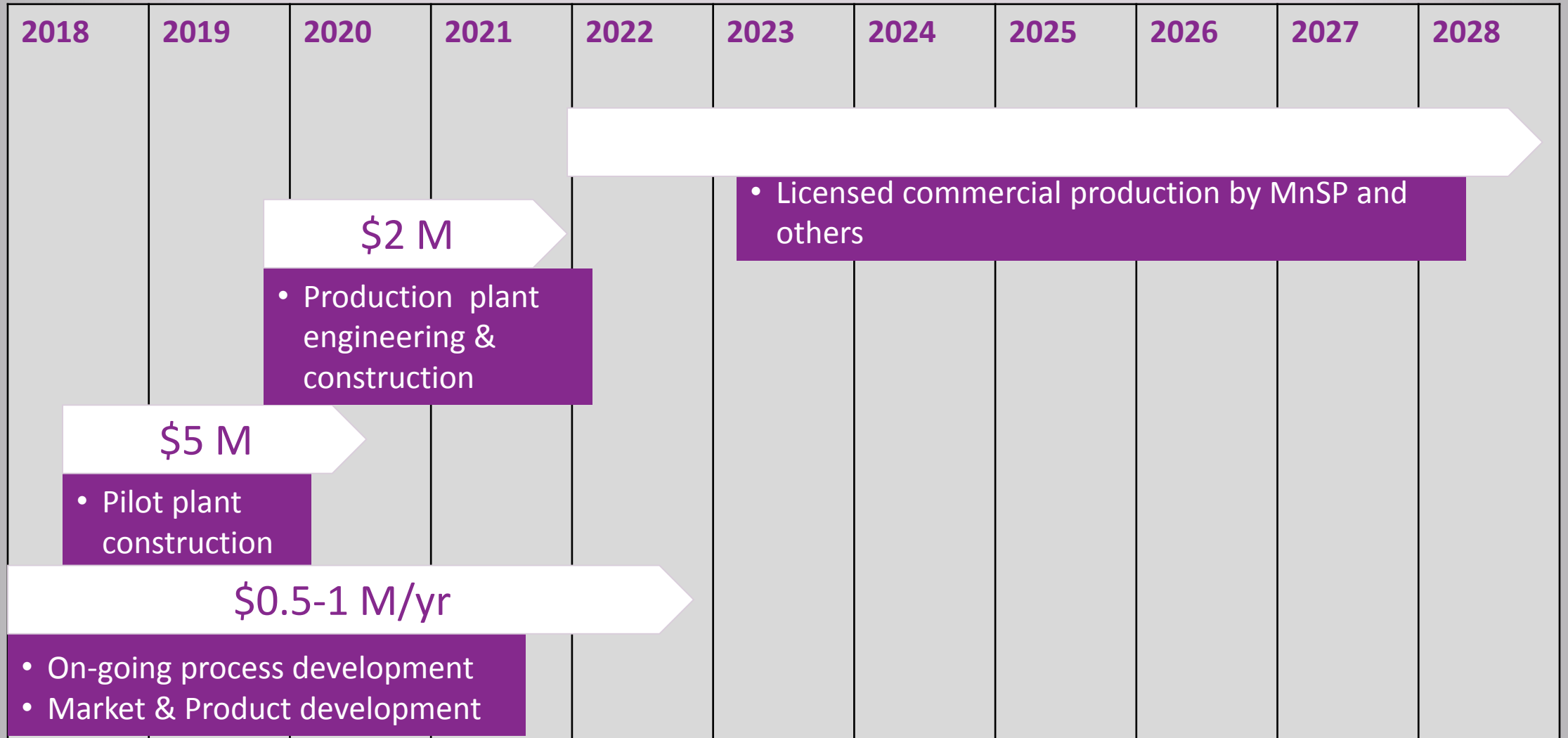
Queen's U. Centre for Environmental Studies

**Dr. Cathleen Crudden**

Queen's U.



# Co-Development & Scale-up



# Advonex

- Award winning, patented renewable hydrocarbon technology
- Global markets
  - lubricants,
  - cosmetics
- Seeking partners for
  - Co-development
  - Licensing
  - Joint ventures



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