



ARVEGENIX

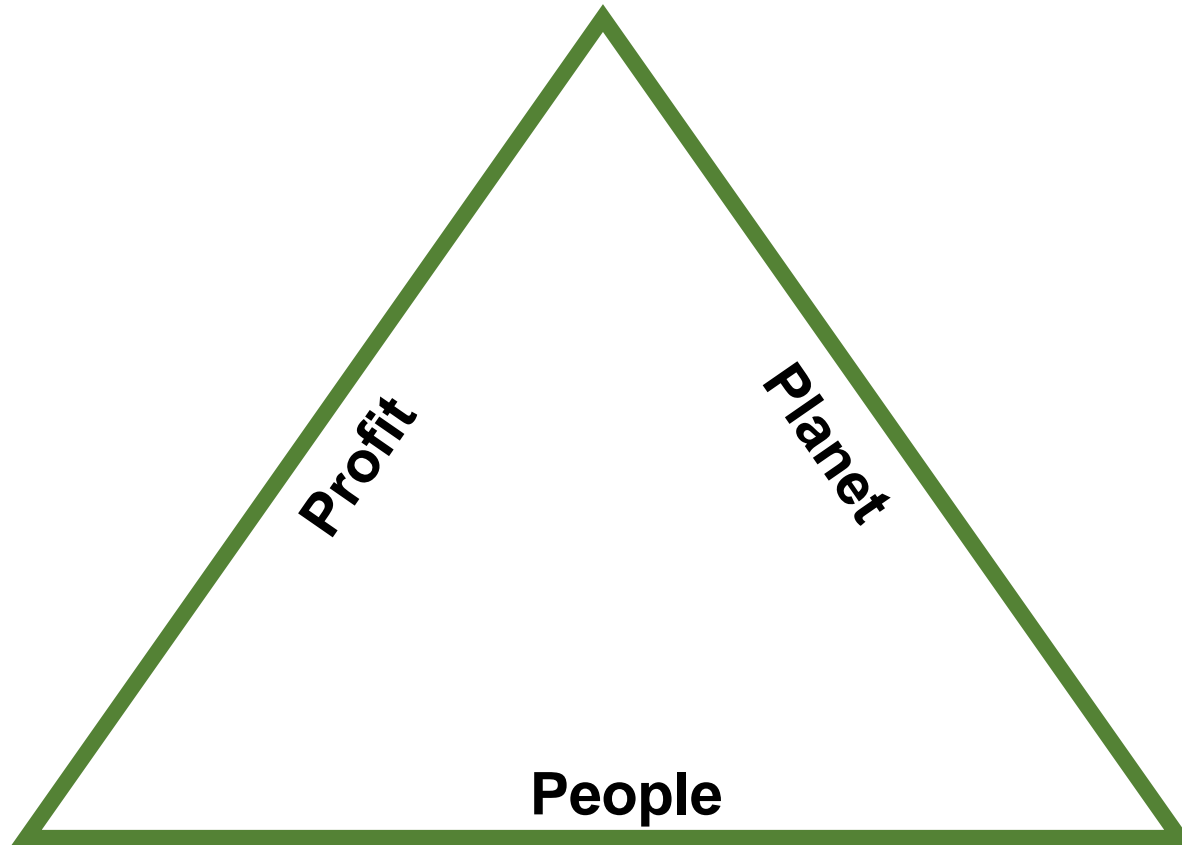
The Pennycress Company

A Productive & Sustainable Cover Crop

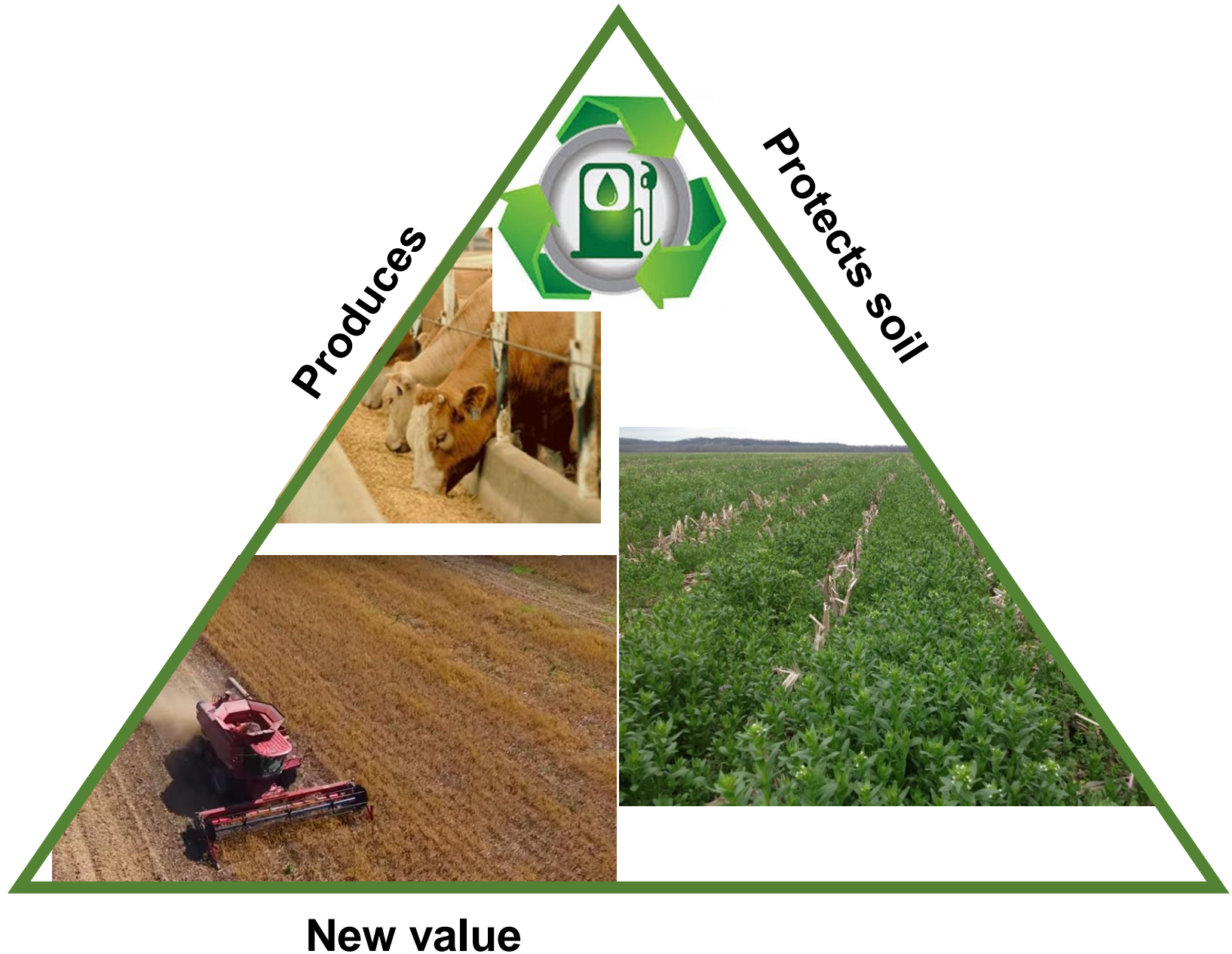
Jerry Steiner, CEO

Minnesota Renewable Energy Roundtable
October 2016

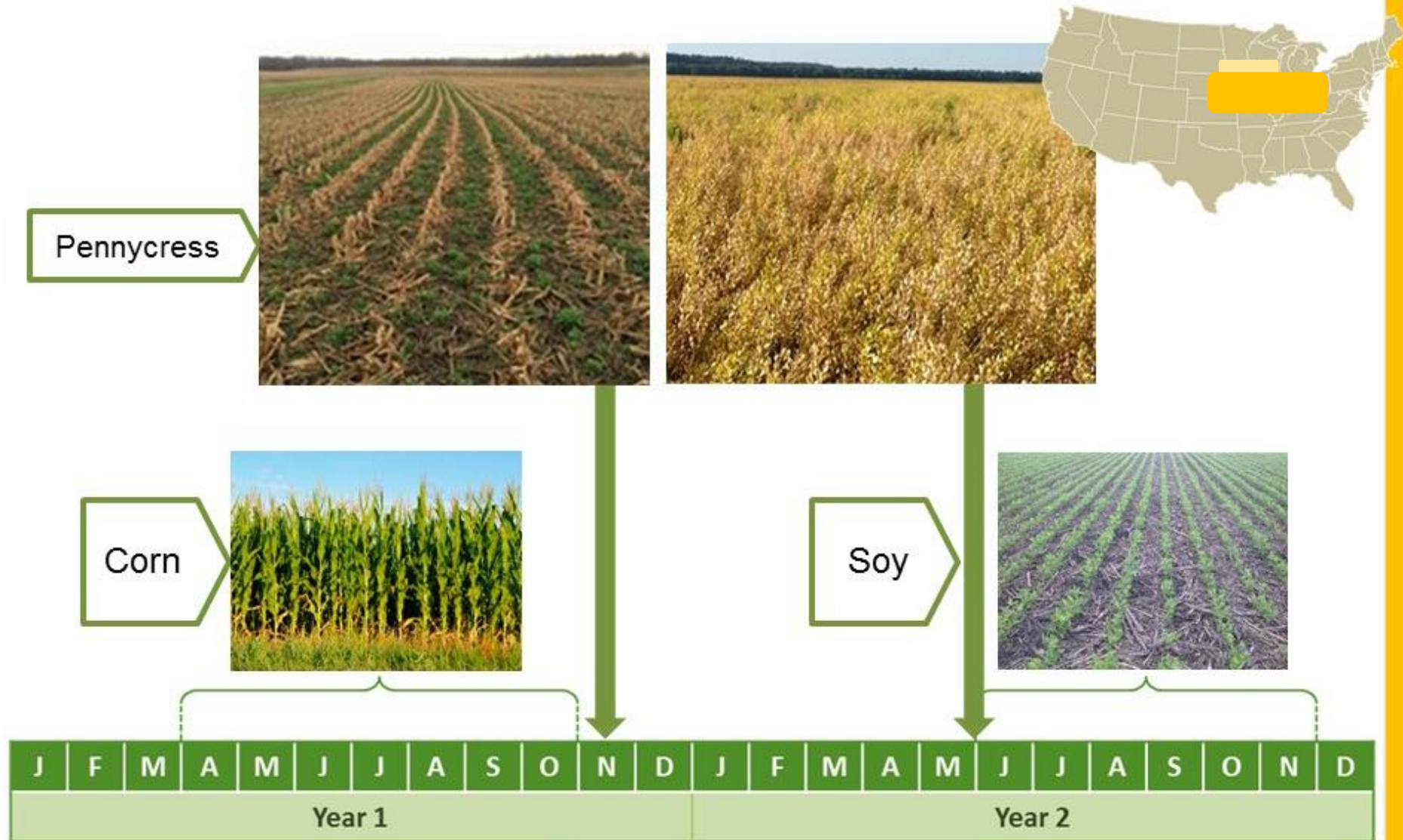
The Triple Bottom Line is a good lens for durable delivery of sustainability



Pennycress... a cover crop that pays!



Adding a productive cover crop can be a positive disruption



Pennycress covers in fall, explodes in spring, harvest in time for soybeans



People at Arvegenix

Experienced professionals

Concentrated in successful retired professionals with wide network and capability to work for equity.

Expert consultants

Focused in deep diving on specific subjects. Mostly coming from the network of existing Arvegenix professionals.

Young talent

Very positive experience in hiring from St. Louis Community College (biotech and horticulture). Hire based on attitude and eagerness to learn.

Our team



JERRY STEINER
CEO



Dr. JERRY HJELLE
Regulatory



Dr. MARK MESSMER
Crop R&D



Dr. TIM ULMASOV
Oil quality



Dr. CRIS HANDEL
Crop R&D



Dr. PETER JOHNSEN
Cover crop programs



BRAD GLENN
Grower programs



KRISTINE MENN
Crop R&D



JOE LYONS
Crop R&D



RAY KENNEDY
Crop R&D



TOM SAUER
Crop R&D



Lacey Holloway
Crop R&D



LAURA DALPIAZ
Accounting

Founders



DENNIS PLUMMER



MIKE ROTH



VIJAY CHAUHAN

Expert consultants



Dr. DAVID KOVALIC
Genomics



Dr. MARK LAWSON
Crop R&D



Dr. GARY HARTNELL
Animal nutrition



Mr. PETER RAYMOND
Regulatory



Mr. BOB WELCH
IP



Dr. DAVE GUSTAFSON
Soil health & sustainability



Dr. JIMMY WORLEY
Chemistry

Early local capital

Arvegenix partnerships and infrastructure



20+ network
of farmers

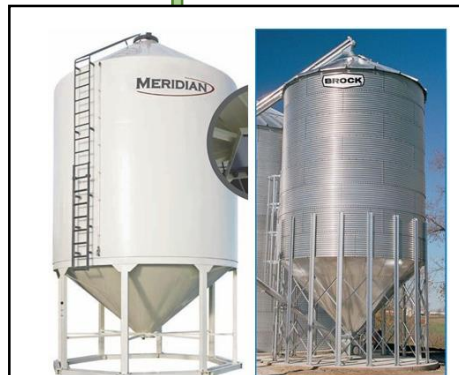
Greenhouses, growth chambers and
tissue culture labs at DDPSC

Build university
partnership / relationship

Lab
space +
trained
people



Pilot grain infrastructure in Moberly MO

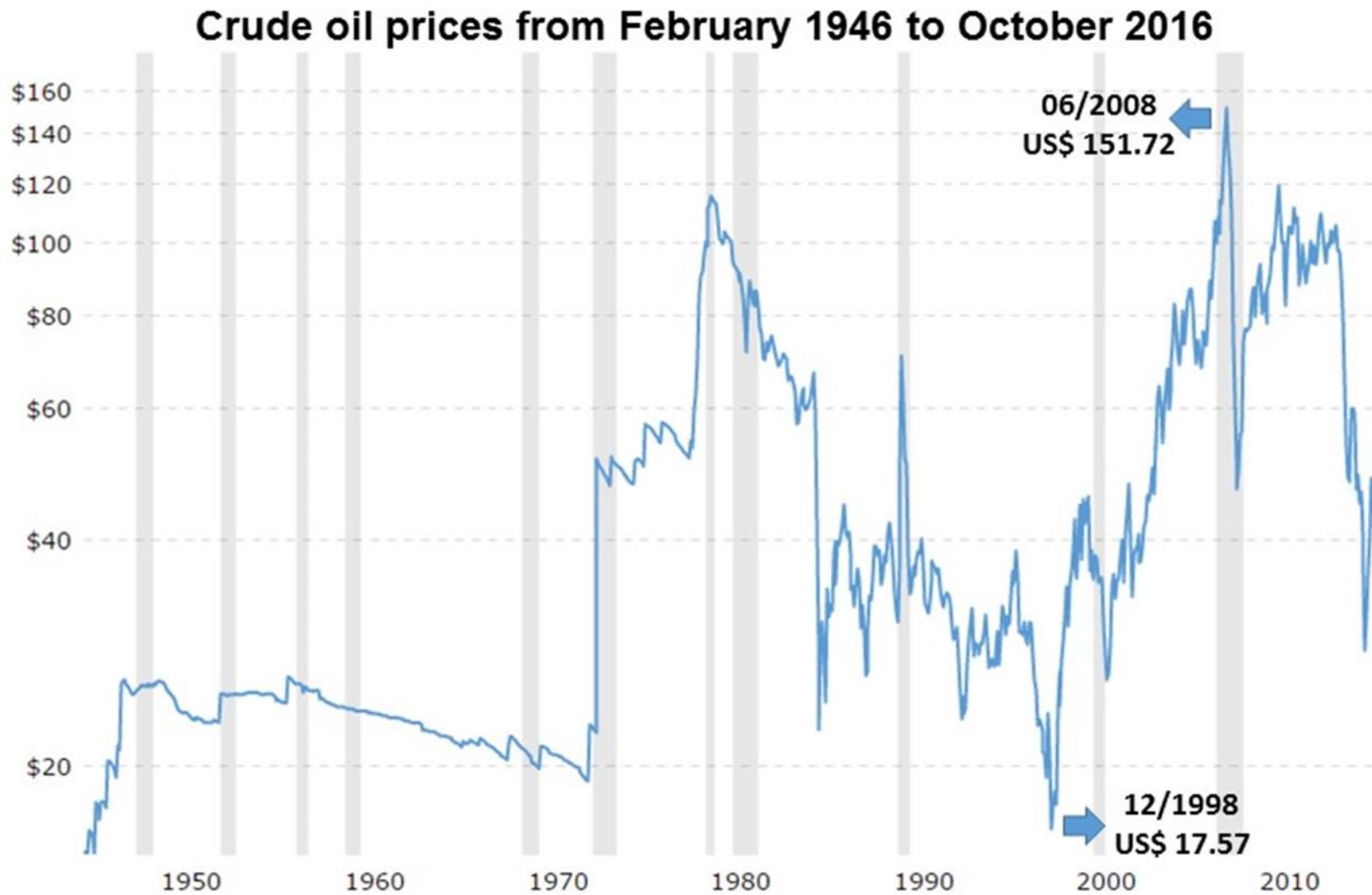


Modern seed infrastructure

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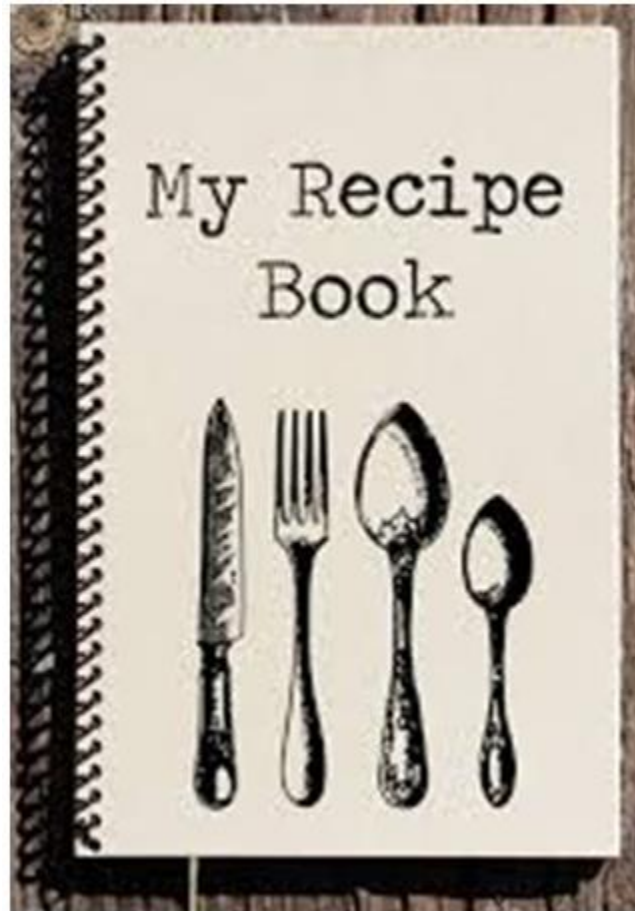
Competing in a high price fluctuation market – the need for policy



For agriculture & with energy, disruptive but also collaborative

- ✓ Value chain is complex
- ✓ Innovation collaboration
- ✓ Farmer organization
- ✓ Policy alignment and advocacy
- ✓ Handling and processing
- ✓ End users of co-products

A recipe for a successful company



1. Disruptive idea
2. People
3. Capital
4. Policy

Add each ingredient and mix them with strong partnerships to increase chances of success...



Thank you!

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