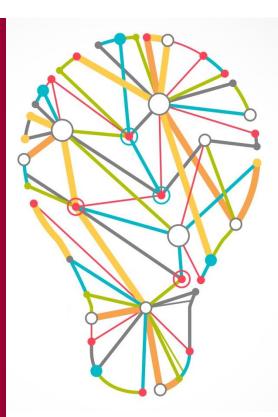


שיתוף פעולה כזרז לחדשנות

יוחאי גפני Dow Israel



27/11/2017



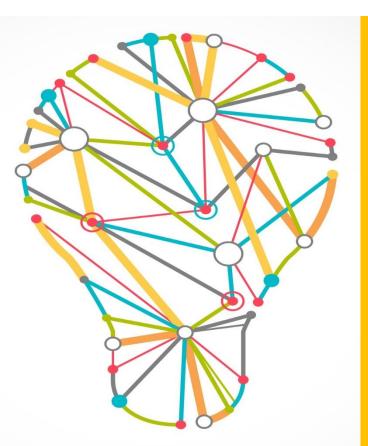


The need for innovation – Packaging drivers as an example

- Food waste one third of food (1.3b tons) are wasted annually!
- Reducing waste Protecting goods from damage and preventing spoilage
- More is needed Population growth (40% growth by 2030) and urbanization (67% urban living by 2050)
- Globalization transport food further, cheaper, safer
- Changing lifestyle Eating habits, rising income, aging population



Market Driven Innovation Model



Past: Traditional Value Chain Model

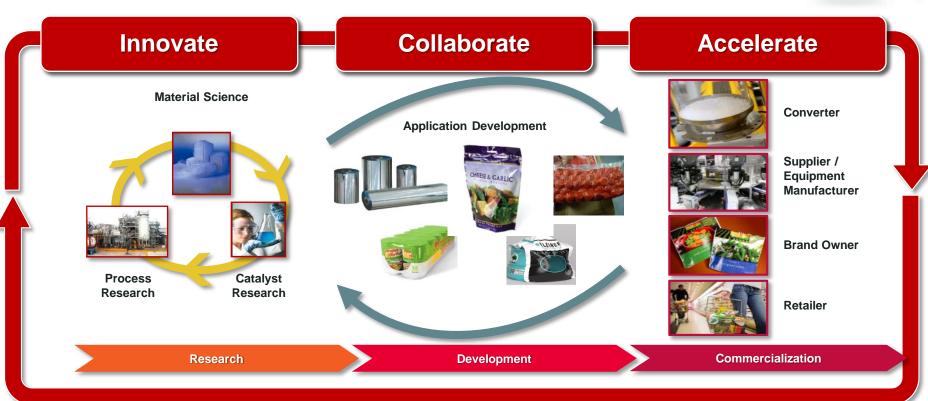
Problem: Innovation was not flowing across calue chain

Solution: Market Driven, Cross Value Chain Innovation Model

Dow Innovation Model:

Engagement Across the Value Chain





Communication & Reputation

New External Partnerships

New Collaboration Centers & Tools

New Packaging Fabrication Capabilities

Packaging Application Development Centers

Film Application
Development
Centers



ACCELERATING INNOVATION

Collaboration

Effective Ways to Work Together

Innovation

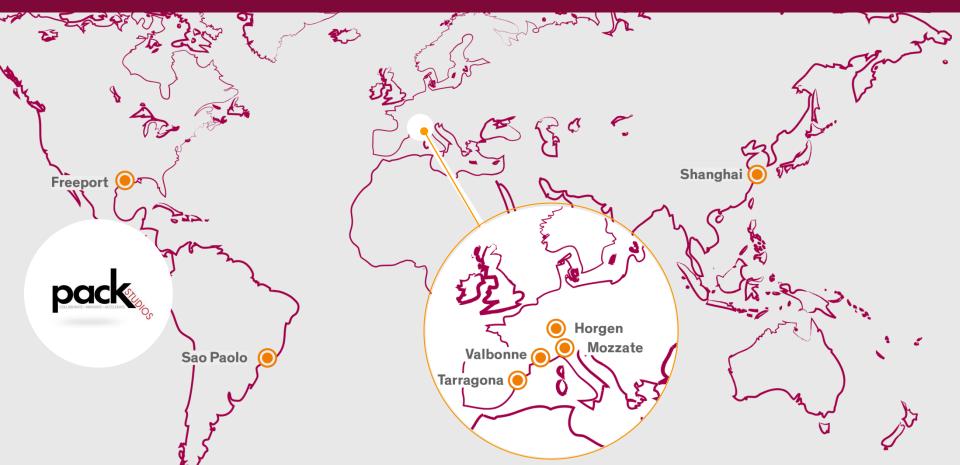
New Capabilities to Develop Better Packaging

Acceleration

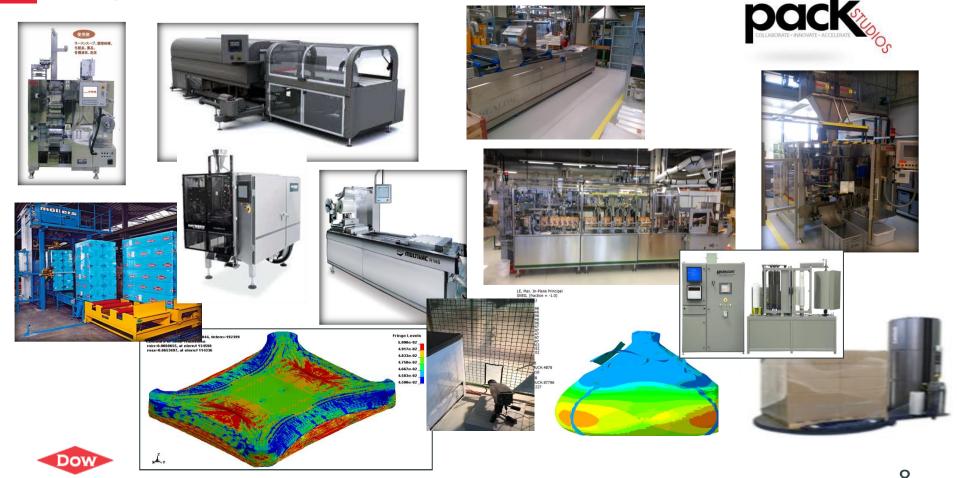
Adapt Global Expertise to Meet Your Needs



LEVERAGING A GLOBAL TECHNOLOGY BASE FOR FASTER AVAILABLE LOCAL SOLUTIONS



Our Commitment...



PacXpert Packaging Technology



FROM RIGID TO FLEXIBLE







LESS WASTE



LOWER COSTS



DIFFERENTIATION



CONSUMER CONVENIENCE



LIFE AFTER USE



Liquid packaging



























REFLEX RECYCLING PILOT PROJECT

A COLLABORATIVE R&D PROJECT FUNDED BY INNOVATE UK

PARTNERS:



















Reflex Project Results

PROJECT OBJECTIVES



DIVERT >50% OF WASTE FROM LANDFILL AND INCINERATION

60% YIELD WHEN RECYCLING

SOCIAL BENEFIT



GENERATE **€140MM**NEW ECONOMIC ACTIVITY



CREATE A CIRCULAR
ECONOMY FOR
FLEXIBLE PACKAGING



PROTECTING YIELDS

Agricultural Film Solutions



BALE SILAGE FILMS



GREENHOUSE FILMS



Funnel films



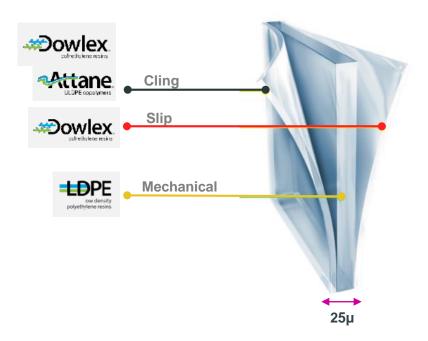






Dow's solutions for Bale Silage Films offer:

- Outstanding bale sealing
- Good impact and tear resistance
- Even stretch level up to approximately 100%
- · Good thickness distribution
- Very good puncture resistance
- Excellent UV resistance
- Low oxygen and water permeability





THANK YOU

