Framing

Can we learn from past events to manage for a sustainable P future?

External Pressures

Niche Innovation

Regional Dimensions

Science & Technology

Culture

Infrastructure

Policy

Market

Adapted from Geels and Schot 2007

You are here

Niche Innovation

Time

Transition Management Framework
Netherland Waste Transition

Cess Pool

underground holding tank (sealed at the bottom) or a soak pit (not sealed at the bottom).
Transition Management

Challenge identification

Evaluating and learning

Developing partnership

Mobilizing key players
Case Study: Transitions in Ag P Use Efficiency (Minnesota Data)
Challenge Identification

- Eutrophication of water bodies
- Finite and disproportionate P reserves
Developing Partnership and Mobilizing Key Players

- Identify key players and common interests
- Funding to discover innovative solutions
Evaluating and Learning

- Monitoring P fluxes, e.g. water quality, food waste, biosolid applications
- Evaluating policy effectiveness
- Quantifying innovation adoptions
In Summary

• Potential disruptions on the horizon may require urgent action…… we should be prepared.
• Transition management may be a way to plan for it in an integrated, collaborative way.