Cooperation through a H2020 Consortium
BioEast Conference, OMEK, Budapest
20th Sept 2017

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Irish Hub Region and Network

• 2016 – Model Demonstrator Region
  – National Bioeconomy Campus
• 2016 - Irish Bioeconomy Foundation
• 2017 - National Bioeconomy Consultation

• Innovative research community and strong agri-food and pharma sectors
• 2nd highest percentage of land devoted to agriculture
• Growing Forestry Sector
Irish Industry - Opportunity Landscape

• Where scale exists
  – Existing Scale - Dairy, food, brewing sectors ✓
  – Secure Supply of biomass ✓
  – R&D Capacity ✓ e.g. BBI

• Opportunities
  – Process Development
  – Industrial Symbiosis
  – Joint Ventures e.g. Reverdia
Challenge: Bringing biobased economy to rural regions

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1. As a biomass supply chain
e.g. Novamont, Matrica
2. As a Biorefinery Cooperative e.g. Pomacle Bazancourt, France. “Industrial Symbiosis”
3. “Farmers as bioprocesors”
e.g. Courage & Grassa, NL
Small Scale Biorefinery Models
Diseconomies of Scale – A new opportunity?

Grass 90% Water
Beet 80% Water
Algae 90% Water
Decentralized/Small-Scale Biorefineries

“Reducing CAPEX and transport costs”

“Keep nutrients on the land”

“Rural Innovation and Regeneration”

“Upskilling and creating new jobs”
Irish Inter-hub Biobased Mission – Feb 2018

Location: WUR Biobased Innovation Centre, Wageningen, Netherlands
Date: 14th-15th Feb 2018
Thank you!

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