

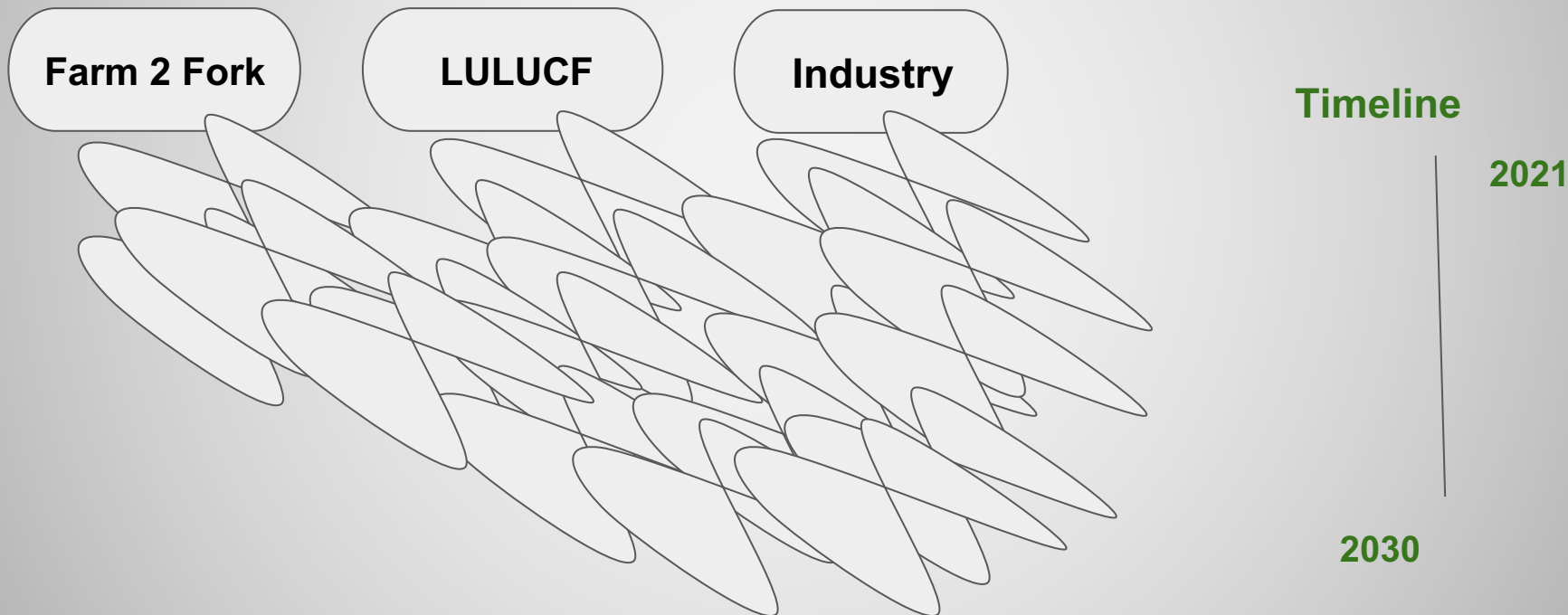


Ireland's National Hemp Industry Stakeholder Body

The Right Side of History: The Whole Plant Potentials of Industrial Hemp in the context of LULUCF and the EU Carbon Cycles Framework

LULUCF: Regulation (EU) 2018/841

Sustainable Carbon Cycles



Integrated Farming and Industrial Practice for a Carbon-Neutral EU Economy

Cascading Principles

FOOD

BIOMASS

Materials Production

Renewable Energy

Fossil Carbon Replacement





Regenerative
Agriculture

Soil Health

Carbon Sequestration

The Farmer

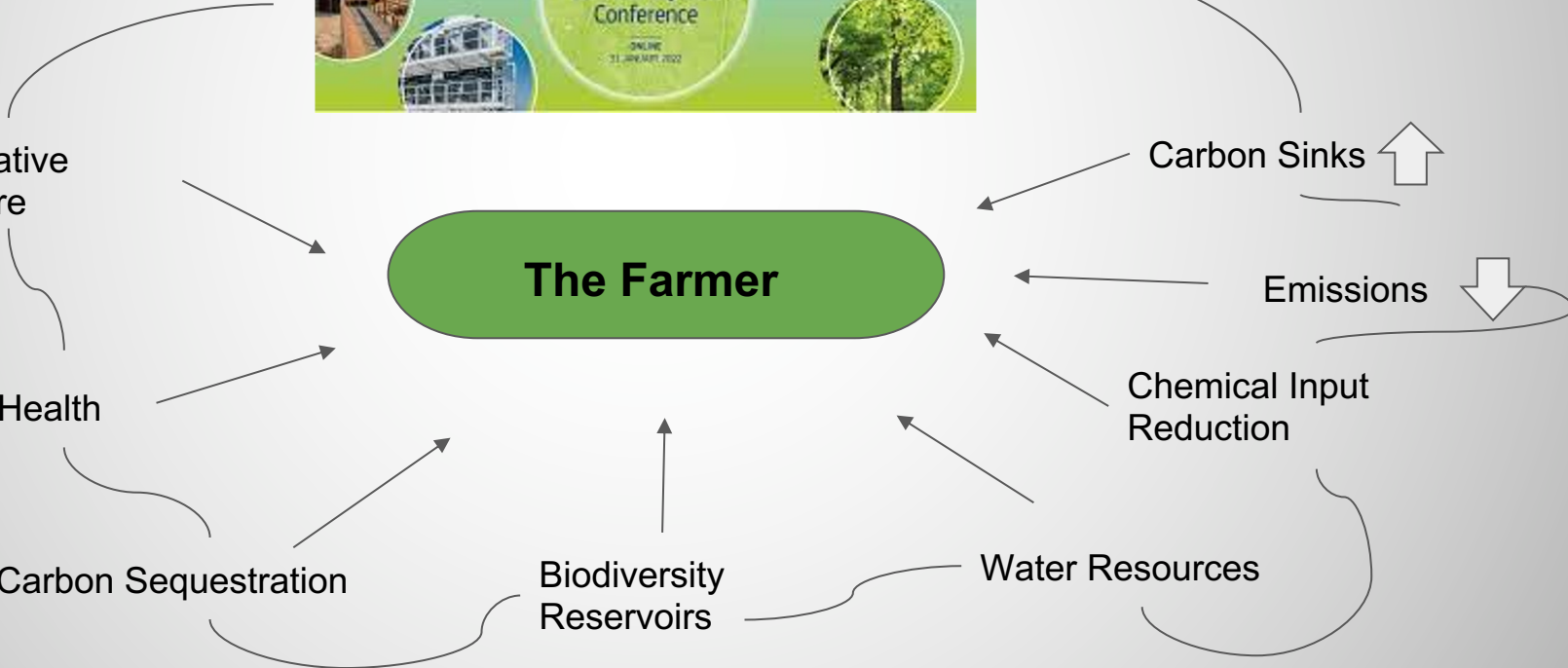
Biodiversity
Reservoirs

Water Resources

Chemical Input
Reduction

Emissions

Carbon Sinks



A NEW GLOBAL CURRENCY

Corporate Food

The Farmer



Corporate Fuel

The Farmer

Corporate Materials

The Farmer

The Farmer

Policy Makers

The Farmer

2,400 Billion Tonnes CO2

LOCAL DYNAMICS in GLOBAL PERSPECTIVE



The Integrated Potentials of Industrial Hemp, LULUCF & the EU Carbon Cycles Project

- SUSTAINABILITY
- LAND USE MANAGEMENT
- FOOD PRODUCTION
- MATERIALS PRODUCTION
- RENEWABLE ENERGY

Within a decade, global food supply chains will be dominated by consumer demand for:

- **High Protein Foods**
- **Nutraceutical Foods**
- **Value Added Speciality Foods**

- *Climate Change Advisory Council*

FORWARD FACING ACTION

- **IPCC Carbon Counting**

The Carbon Sequestered in Wood Based Materials is Accounted for in IPCC Protocols.

The Carbon Sequestered in Industrial Hemp Based Materials is Not.

- **Hemp Foods**

All Three of the World's most Essential Future Food Basket Needs can be Met by Our Uniquely Sustainable Food Crop While Also Delivering the Fastest Sustainable Biomass and Fossil Carbon Replacement Materials at Every Level of the Carbon Cycles Framework.

How Do EU Farmers & Operators Move Beyond the Roadblocks ?

- **EU Level Cascade**

The European Framework Currently Applied to Wood Observes a Hierarchy of Cascading Principles to Ensure Optimised Climate Benefits from the Carbon Stored in Wood.

No Similar Cascading Principles Exist to Ensure Optimised Climate Benefits from the Carbon Stored in Industrial Hemp.



Thank You

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