

# BLOCKCHAIN IRELAND

Education, Skills and  
Innovation Working Group

# Creating Ireland as an International Blockchain Hub

By

Professor Joyce O' Connor

(Chair Blockchain Ireland Working Group:  
Education, Skills and Innovation)

## **Members of Working Group:**

Dr. Susan Rea (Munster Technological University)

Ms. Carmel Somers (Technology Ireland - ICT  
Skillnet)

Ms. Sorcha Mulligan (SME Chain)

Mr. Jonas Pfannschmidt (Blockdaemon)

Mr. John Hogan (Leman Solicitors)

Mr. Gavin Fitzgerald (Leman Solicitors)

Mr. David Roche (Consultant)

# Steps to be taken

- 1) Creating Awareness of the Transformative Power of Blockchain Technology
- 2) Leadership: Europe and Ireland
- 3) National Digital Skills Strategy: Roadmap - Create Talent for our Digital Future
- 4) Co-ordination of Existing Infrastructure and Resources at All Levels
  - National Multi-Institutional Collaborative Centre of Excellence
  - Government, Industry, Academia/Training, Civil Society

# Creating AWARENESS of the Transformative Power of Blockchain Technology

## World Leaders

**Harness the Infrastructure that Exists**



**Financial Inclusion:** *AID TECH* - Awards IMF; UN; French Government; IBM



**Supply Chain:** *Downstream Craft Beer:* Supply Chain Worlds First Blockchain Beer; *Blackwater Distillery:* Supply Chain Whiskey, Gin, Vodka; *Moyee Coffee:* Supply Chain 100% Fair Chain



**Sport:** Equideq: Horse syndication and horse industry solution

- Generate , Sell, and Manage Digital assets



**Social Justice:** : *HE HOP:* French Company Domestic Violence: audio, video, photo files to record acts of violence

- Involves Judiciary, Police system, Stakeholders, Public



**Education Credentials:**

**EdQ**

IOB with Bank of Ireland, AIB, Ulster Bank and Deloitte

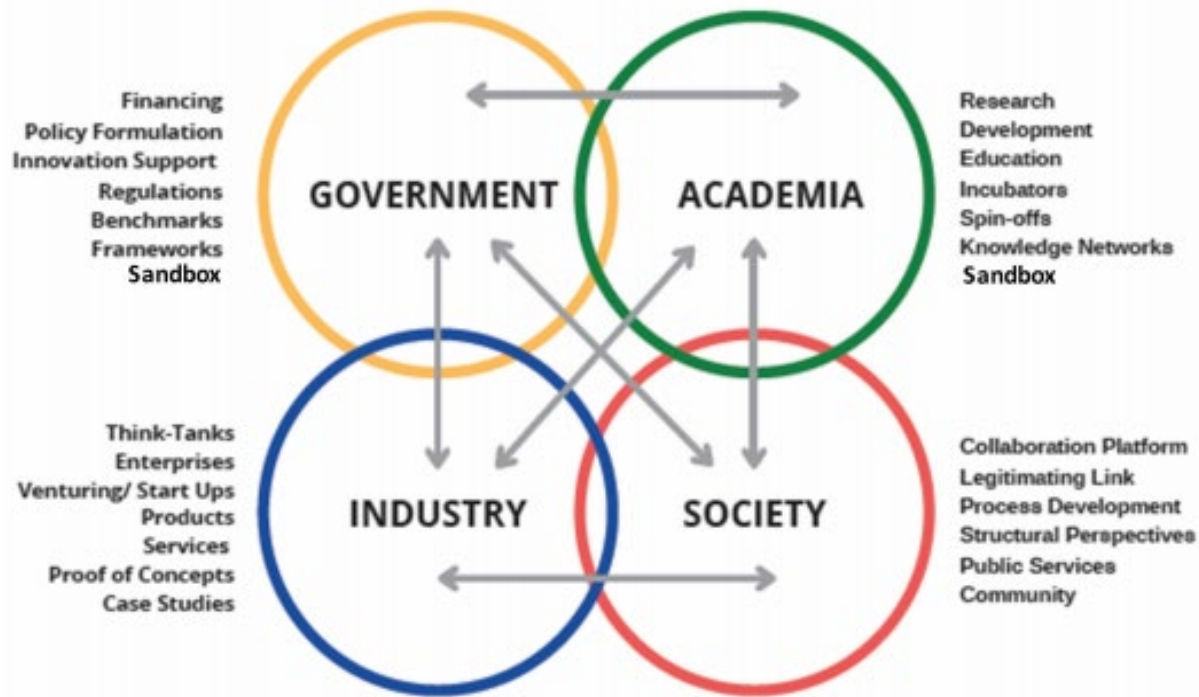
# Leadership: Europe and Ireland

- EU Digital Agenda
- EU Blockchain Strategy: Infrastructure, Uses Cases, Sand Box, Regulation, Investments, Skills, Jobs
- Ireland: National Digital Strategy
- Stakeholder Mapping at a National Level
- Embrace Emerging Technologies, including Blockchain: a decision is needed to clarify a lead coordinator across Departments and specific link into European infrastructure

# National Digital Skills Strategy: Roadmap

- National Digital Strategy (2022)
- European Agenda and Infrastructure
  - EU National Co-ordinator Digital Skills
  - Digital Skills and Job Platform
  - ESRI/EU CHAISE: Forecasts for Blockchain Labour Market 2020-2026
- Create a Skills / Talent Roadmap for Policy Makers, Industry, Academia/Training Organisations, Workplace Training, and Civil Society
- Our Digital Future Roadmap

# Co-ordination of Existing Infrastructure and Resources



Modified from: Developed notion of a Quadruple Helix Innovation system  
DOI:10.1007/978-94-007-012-0-2-0098-3

- Create a **National Multi-Institutional Collaborative Centre of Excellence**

- All Ireland Expertise Exist - Bring it together in the context of emerging technologies

- Ireland to create an International Blockchain Hub

- **VISION**

- LEADERSHIP**

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## Thank You!

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