



SEEBLOCKS.eu

Supporting Europe's effort in Blockchain/DLT Standardisation

FACING THE FUTURE

Building expert communities



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Supporting Europe's effort in Blockchain/DLT Standardisation

Supporting EU strategic autonomy with standardisation



Fiona Delaney - SEEBLOCKS strategy and innovation role.

- Blockchain architect; founder @ Irish agri-tech firm Origin Chain Networks; Co-chair @ Blockchain Ireland #Startups+Web3 and Co-chair EUOS blockchain and DLT TWG

EU Standards + Innovation Individual Award (CENLEC) National Innovation Award (NSAI) for contributions to agriculture and EU digital economy.

BUILDING THE INTERNET OF VALUE





IMPACT: Pathway to transparency and trust in trade

1. Champion EU innovation in emerging standards through coherence + quality of research

STATE OF THE ART BLOCKCHAIN & DLT CONVERGANCE

- Trusted Information
- Decentralised Identity
- Tokenisation & Virtual Assets
- Digital Twin
- Trustless | Permissionless | ZKP
- Game Theory | BFT | Mining
- Cybersecurity
- Cloud | Edge | Fog | 5G



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NICHE TOPICS

- 1. Identity management** eg. self-sovereignty; privacy; anonymity; account abstraction; secure wallet management;
- 2. Data provenance** eg on/off-chain data flows; data trustworthiness; verifiable oracle services/registries;
- 3. Governance** eg. stakeholder reputation (roles, rights and responsibilities); online voting; DAOs; peer-to-peer virtual communities;
- 4. Token and asset creation and exchange** eg. cryptocurrency; virtual assets; fungible and non-fungible tokens; exchange protocols;



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NICHE TOPICS

5. Process optimisation eg. process transparency; multi-party, interoperable, cloud-based resource-sharing; 5G and mobile edge computing; energy-efficiency;

6. Automation eg. smart contracts; intelligent agency; robotics;

7. Cybersecurity and applied game theory eg. open source, distributed and decentralised system architectures; end-point security; encryption; consensus mechanisms;

8. Use cases elaborating these niches or relevant business domains

9. Other....



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IMPACT: trade facilitation with interoperable blockchain & EU digital infrastructures

2. Organisations, ecosystem and internationalisation

SEEBLOCKS NETWORK SUPPORT

- EU Blockchain Partnership, EU Blockchain Service Infrastructure & EU Digital Service Infrastructure and Blockchain Regulatory Sandbox,
- SDOs: CEN-CENELEC, ETSI, ISO, ITU, IEEE, UN
- EU Standardisation Rolling Plan
- Industry representation in finance, supply chain, software and law (NATBA, EUBOF, EU Digital SME Alliance, StandICT)
- Civil society, EU DG CNECT, DG DIGIT, DG GROW, CHAISE Project, NGOs

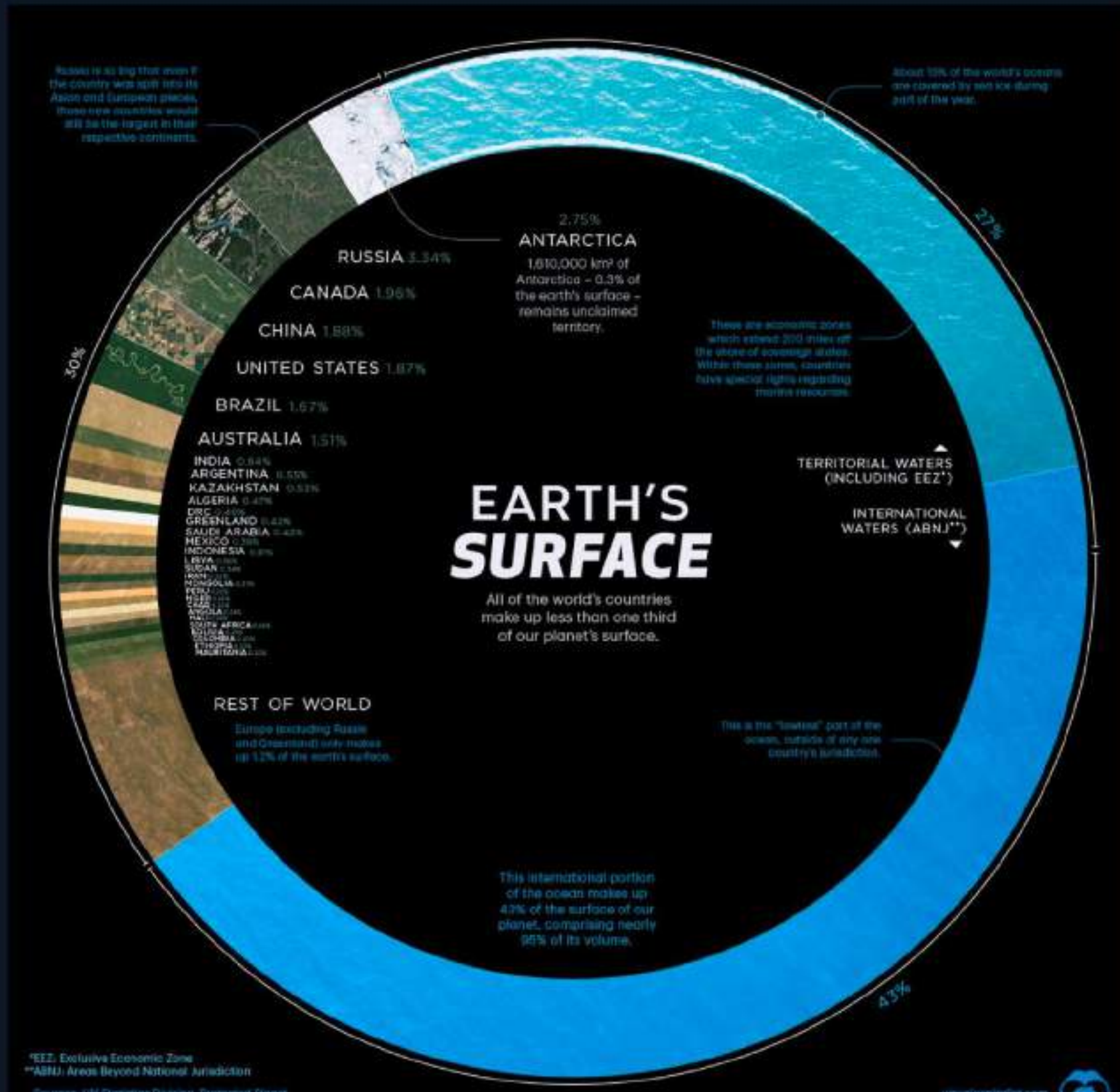




IMPACT: ecosystem innovation and the global commons

3. EU standards innovation through multifaceted ecosystem support

Communicating for the Commons





IMPACT: Ecosystem innovation and new market development and discovery

4. Startups ecosystems and marketplace innovation

**EARLY
ADOPTIVE
EXPERT
ECOSYSTEMS**

**BE BOLD
PLAN FOR POWER**

RIONA @IRISHNFTGAL
WWW.KNOWNORIGIN.IO



70%

POST-GRAD

87%

EMPLOYED OR OVEREMPLOYED

95%

CRYPTO-DIGITAL NATIVE



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EU INNOVATION & EMERGING STANDARDS

SEEBLOCKS offers a path to transparency and trust in trade with blockchain & EU digital infrastructure; ecosystem innovation and embracing new market discovery in physical, hybrid and virtual domains.

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Funded by
the European Union