



Transforming the world  
to sustainability

# IEMA Webinar: #BuildBackBetter - The Role of Blockchain in supporting business resilience and the transformation to sustainability

02.06.2020

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Digital Impact Assessment Working Group Lead at IEMA

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# Webinar slides and recording

This webinar is being recorded. The recording and presentations will be made available for IEMA members on [iema.net](https://iema.net) within 48 hours of the webinar.

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## Q&A

Send in your questions as we go through the session – we'll have plenty of time after the presentations to address these.



## Session focus

- An overview of blockchain;
- Case study examples highlighting best practices and recommendations of how this technology can support businesses in their transformation to sustainable business practices, and enhanced resilience to change in a post-Covid 19 world;
- Future perspectives from industry professionals on the potential of blockchain to support IEMA disciplines such as impact assessment through enhanced data management and mitigation activities.



# IEMA Publications: digital economy



## 2020 engagement:

- Second thought piece now in progress
- **Topic:** the role of smart cities in decarbonisation and sustainability
- **4 focus areas:** energy, food and agriculture, transportation, and green infrastructure
- Call for member case studies by Friday 9<sup>th</sup> October
- Email [m.jourdan@iema.net](mailto:m.jourdan@iema.net) for a copy of the case study form.

## Upcoming webinars

- **28<sup>th</sup> September** - Launch of IEMA Primer on Major Accidents and Disasters in EIA
- **15<sup>th</sup> October** – GESA Webinar: Understanding and responding to the impact of COVID 19 on environmental and social appraisal work in project developments







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# Questions

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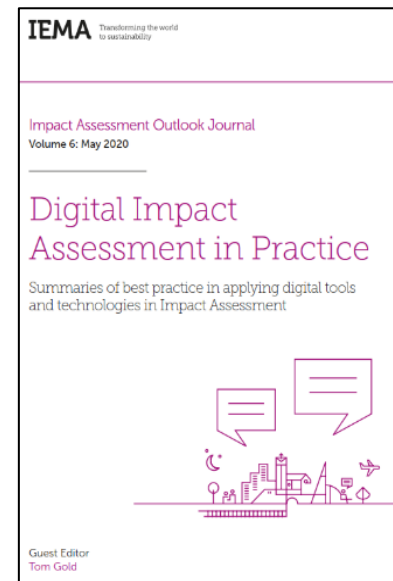
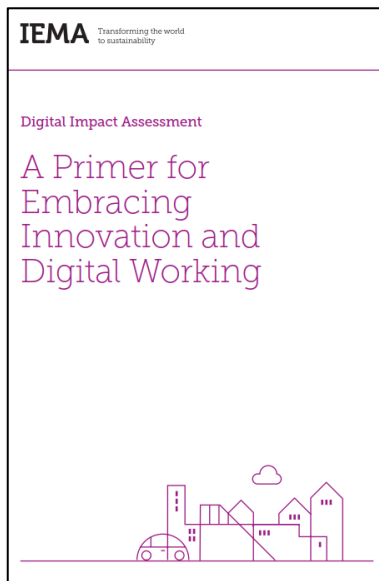


# Presentations



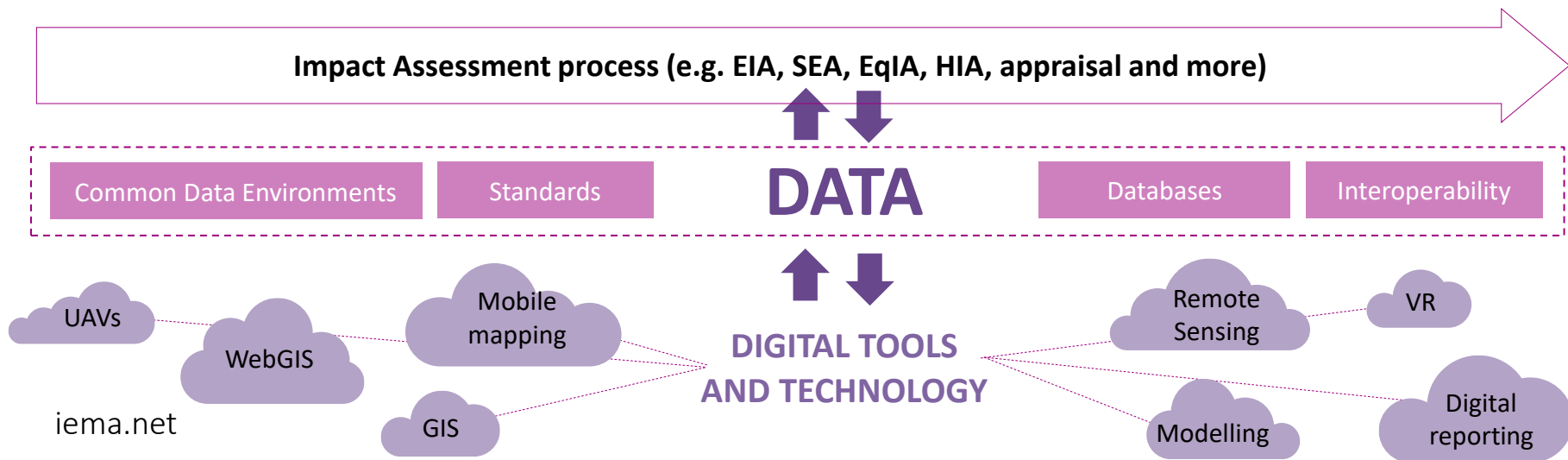
# Possibilities of blockchain for environmental management and impact assessment by Tom Gold (WSP)

## The IEMA Digital IA Working Group



## Digital Impact Assessment

- Digital practices throughout the Impact Assessment process
  - Focus of activity in EIA, but digital practices have potential in other forms of IA
  - More than just innovative methods of reporting and consultation
- No definitive form or process of Digital Impact Assessment



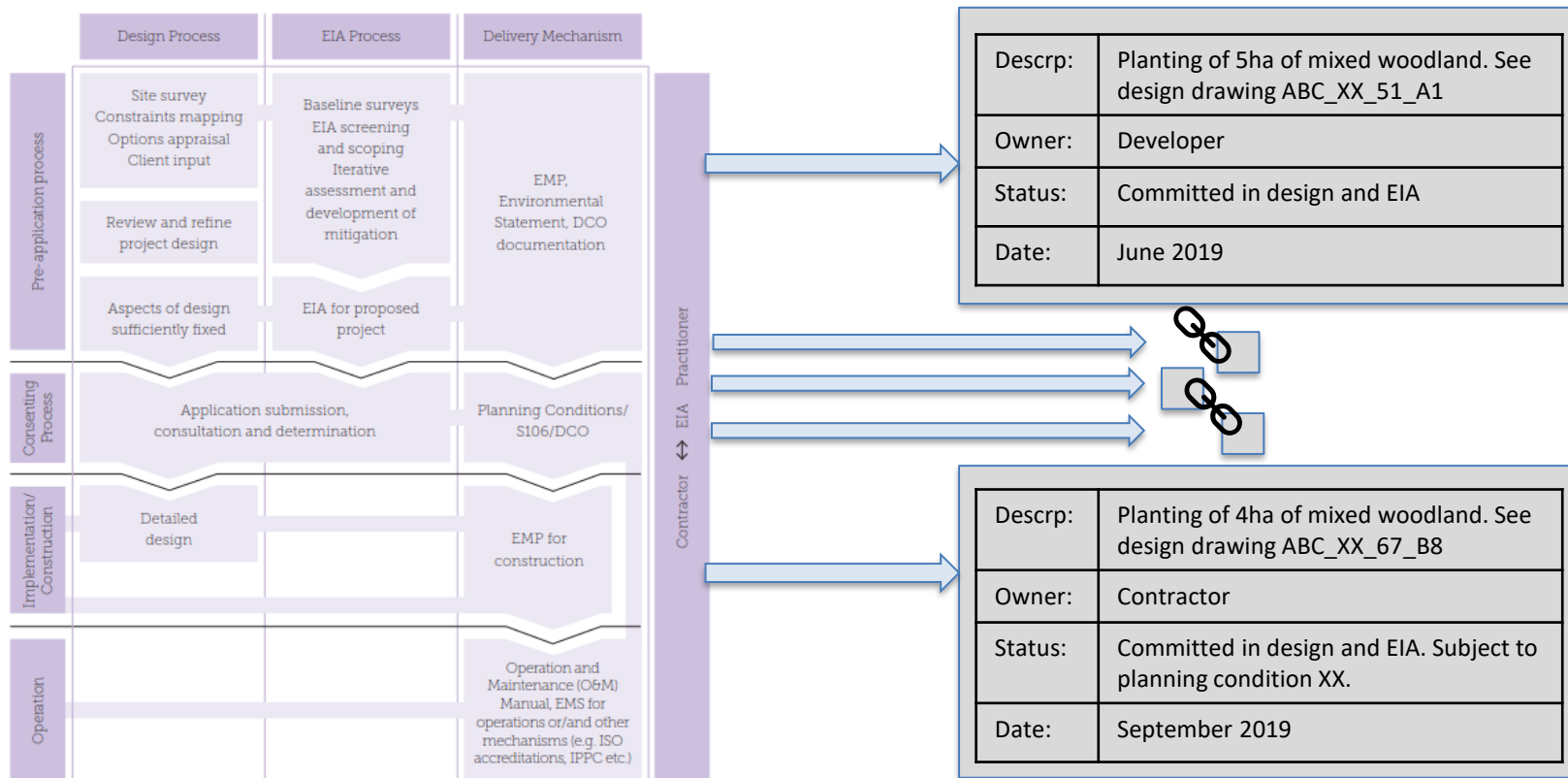
# Data Management for Digital IA

- Proactive data management is essential to realise the benefits of Digital IA
  - Opportunity to realise benefits of better data management by:
    - Adopting digital or data strategies – involve data or geospatial specialists in projects
    - Apply metadata practices
    - Adopt standards
  - Increasing availability of open data is an opportunity
- iema.net



C.Muza (2020) Online at: Unsplash

# Blockchain for delivering quality development?





## Other potential uses of blockchain for sustainability

- Trace source of materials from source to final buyer to ensure sustainable credentials?
- Facilitate payment for community environmental management or monitoring?
- Peer to peer trading in decentralised energy systems using small scale renewables?





# Questions & Answers



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# Thanks for joining us!

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