

Unlocking the potential: Digital MRV



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Gold Standard believes that climate and development go hand in hand. We work to ensure that every dollar creates the greatest impact in climate security and the Global Goals.

- ▣ Founded by WWF and other NGOs in 2003
- ▣ Swiss non-profit headquartered in Geneva
- ▣ Endorsed by 80+ NGO supporters

▣
22+

Project Types

▣
350+

Project Developers

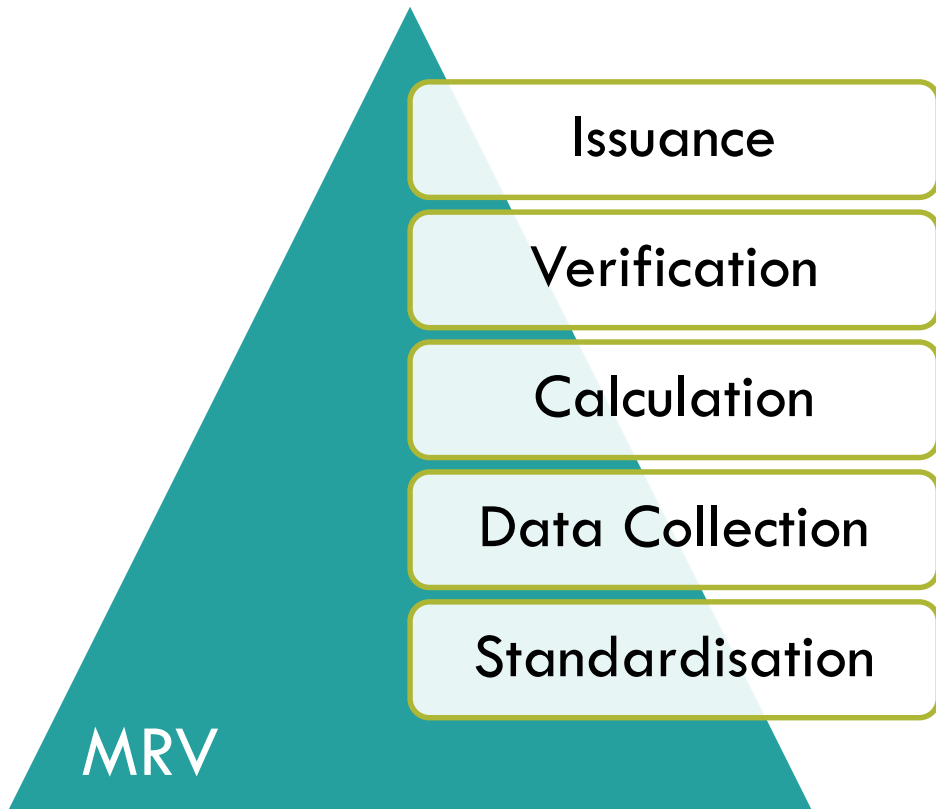
▣
1400+

Projects In over
80 Countries

▣
65 MILLION+

Tonnes of CO2E Issued

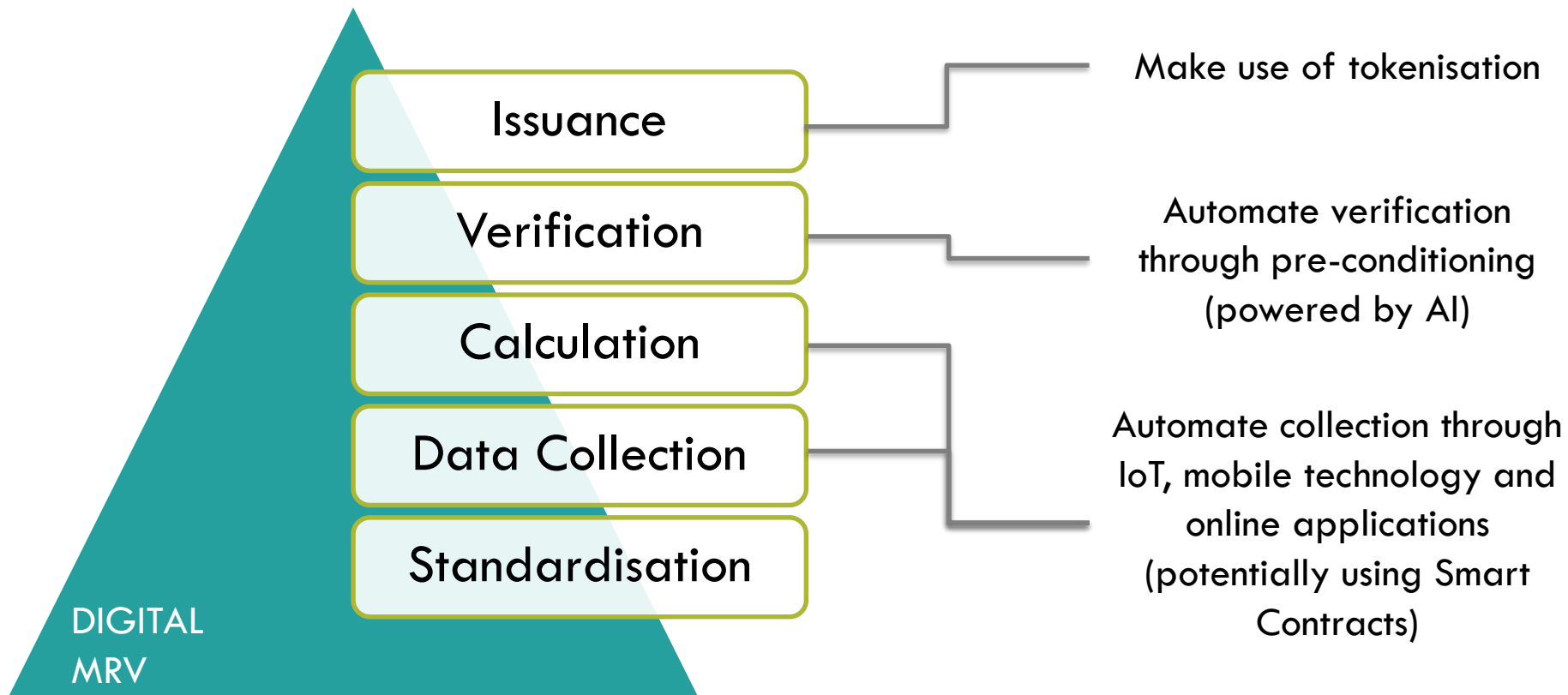
DIGITAL MONITORING REPORTING AND VERIFICATION



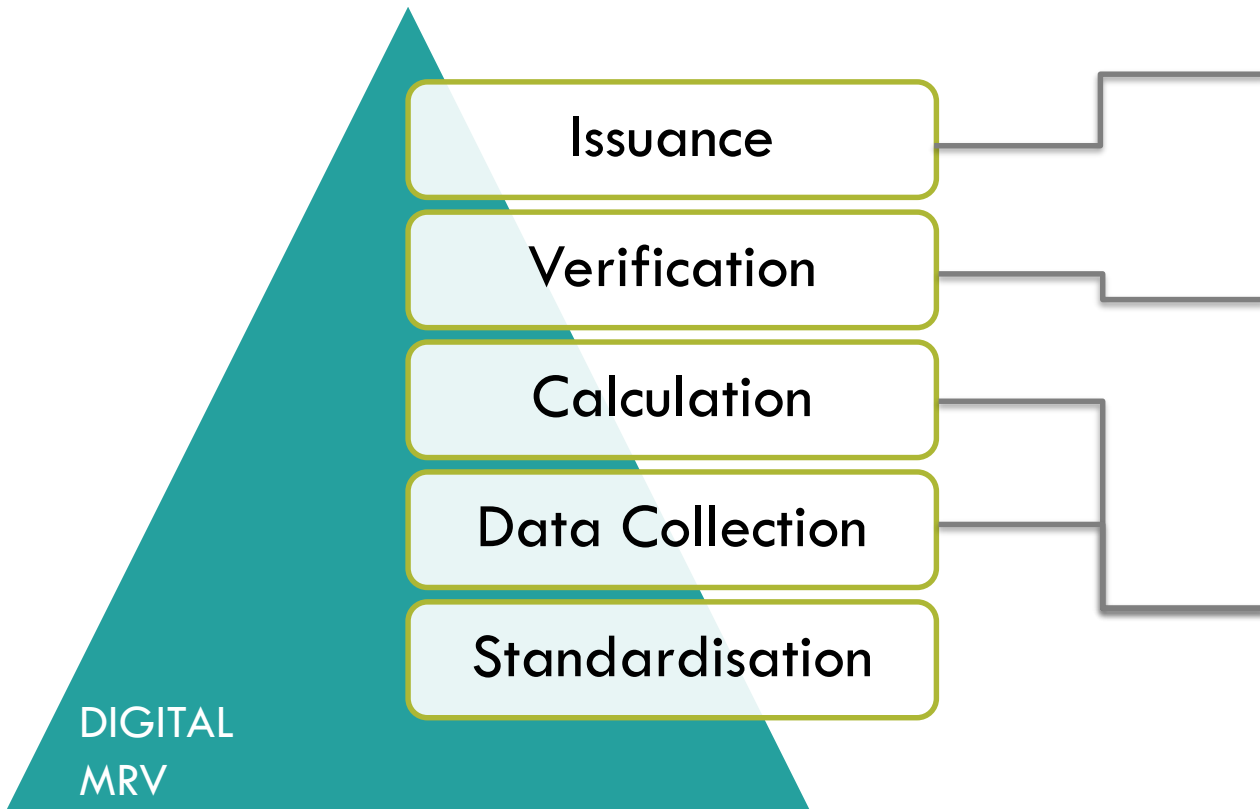
Currently characterised by:

- Paper-based standards
- Manual data collection
- Soft copy reporting
- Linear, milestone, end of cycle verification
- Push button issuance
- Database credit tracking

DIGITAL AUTOMATION OF MRV



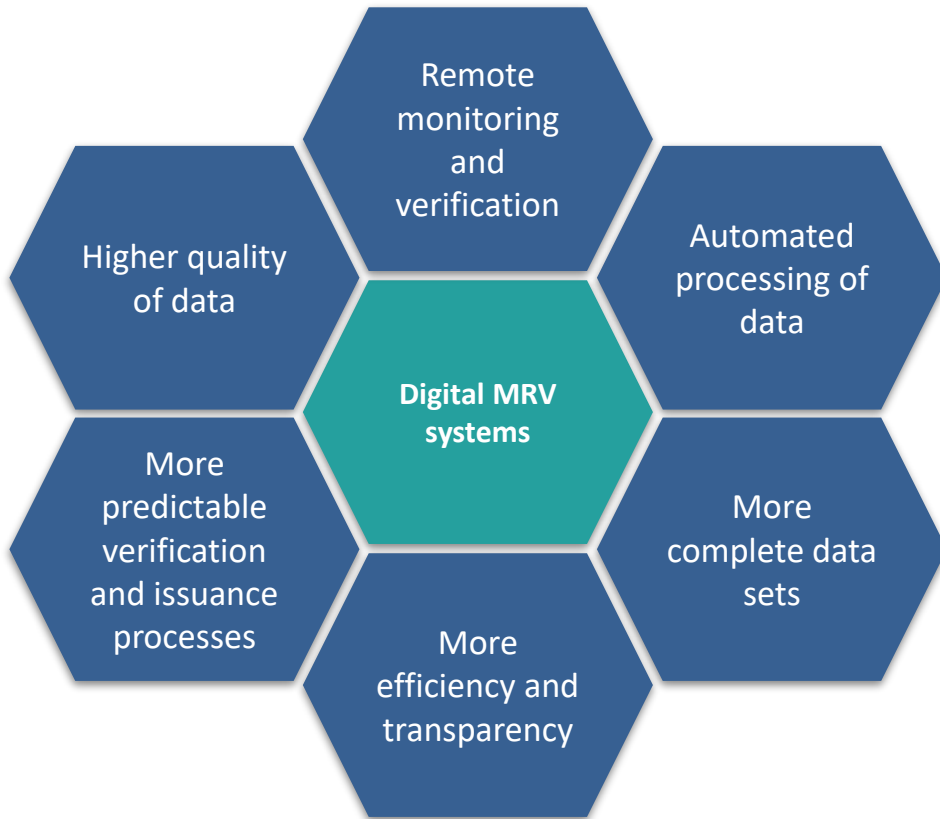
VALUE OF DLT



DLT can:

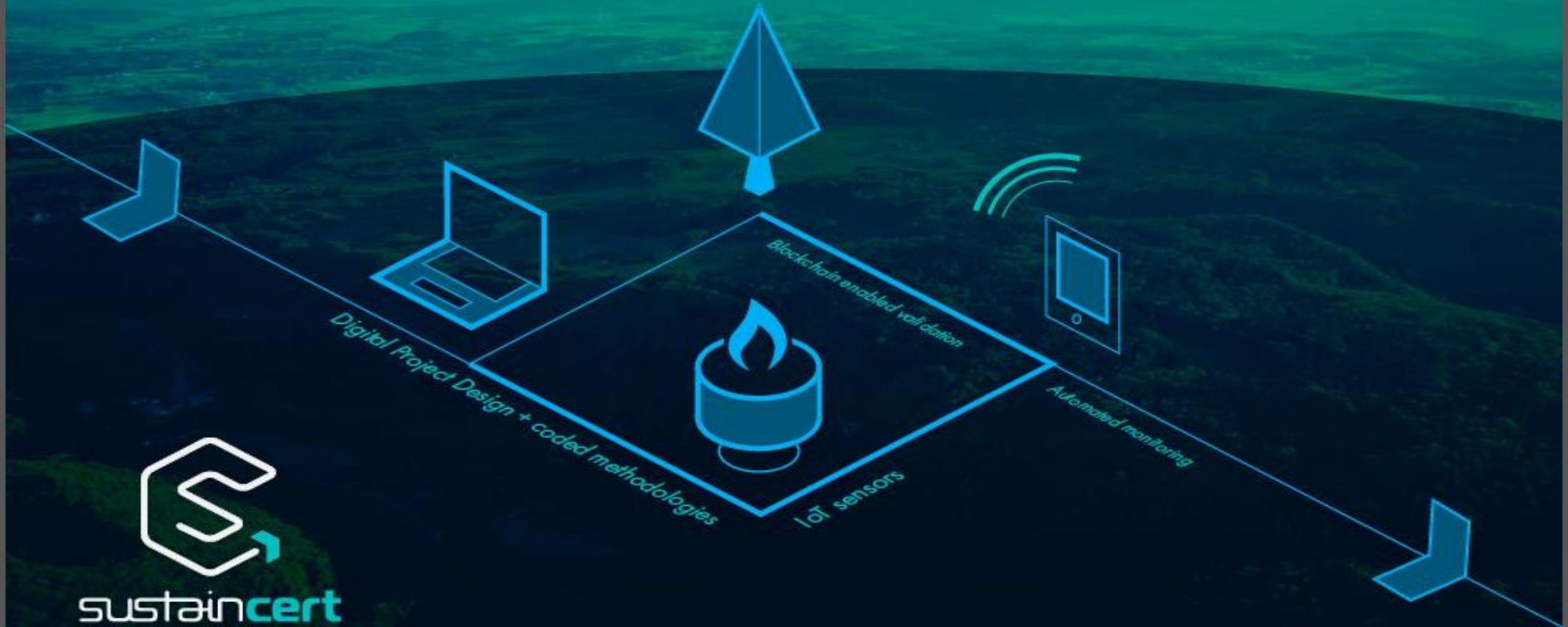
- Safely, securely, accurately hash data from automated collection
- Make it usable in automated calculation apps
- Make data immediately available for verification
- Allow for the possibility of pre-conditioning
- Tokenise issuance and tracking of credits

EXAMPLE – RENEWABLE ENERGY



- **Who:** South Pole, ixo Foundation and Gold Standard have partnered to develop a blockchain application for carbon credit tokenization
- **What:** The new blockchain application will be piloted at a solar PV project in Thailand to monitor, report and verify greenhouse gases
- **Why:** To streamline and accelerate the data verification processes for GHG inventory management and carbon credit origination
- **How:** This application protocol has the potential to reduce MRV costs in comparison to current practices and to allow real-time tracking of GHG inventories and issuance of carbon credits

What's next?



sustaincert
user-centric impact assessment

THANKS!



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