



actual problem, can downside risks or unintended consequences be acceptably managed, and has the right ecosystem of stakeholders been built?”, continued Sas.

If harnessed in the right way, blockchain has significant potential to enable the transition to cleaner and more resource-preserving decentralized solutions, unlock natural capital and empower communities. This is particularly important for the environment, where the tragedy of the commons and challenges related to non-financial value are prevalent.

“If history has taught us anything, it is that these transformative changes will not happen automatically. They will require deliberate collaboration between diverse stakeholders ranging from technology industries through to environmental policy-makers, and will need to be underpinned by new platforms that can support these stakeholders to advance not just a technology application, but the systems shift that will enable it to truly take hold,” said Dominic Waughray, Head of the World Economic Forum’s Centre for Global Public Goods.

[Building block\(chain\)s for a better planet](#) forms part of a series of reports from the Fourth Industrial Revolution for the Earth project, run in association with the World Economic Forum Centre for the Fourth Industrial Revolution.

Download the report [here](#).

Notes to editors:

1. Building block(chain)s for a better planet is published by the World Economic Forum System Initiative on Shaping the Future of Environment and Natural Resource Security in partnership with PwC and the Stanford Woods Institute for the Environment. It was made possible with funding from the MAVA Foundation. It forms part of a series of reports from the Fourth Industrial Revolution for the Earth project, run in association with the World Economic Forum Centre for the Fourth Industrial Revolution
2. The World Economic Forum, committed to improving the state of the world, is the International Organization for Public-Private Cooperation. The Forum engages the foremost political, business and other leaders of society to shape global, regional and industry agendas. (www.weforum.org).
3. A recent global study by PwC of business attitudes to and action on blockchain reported that 84% of executives surveyed had blockchain initiatives underway – 15% fully live. A quarter of executives report a blockchain implementation pilot in progress (10%) or fully live (15%). Almost a third (32%) have projects in development and a fifth (20%) are in research mode. The report surveyed 600 executives in 15 countries and territories, on their development of blockchain and views on its potential. Download the study here: pwc.com/blockchainsurvey

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