



Bringing DuPont's innovation management best practices to global partners

Accelerating Transformation through Effective Innovation Management

4 October 2018

Singapore

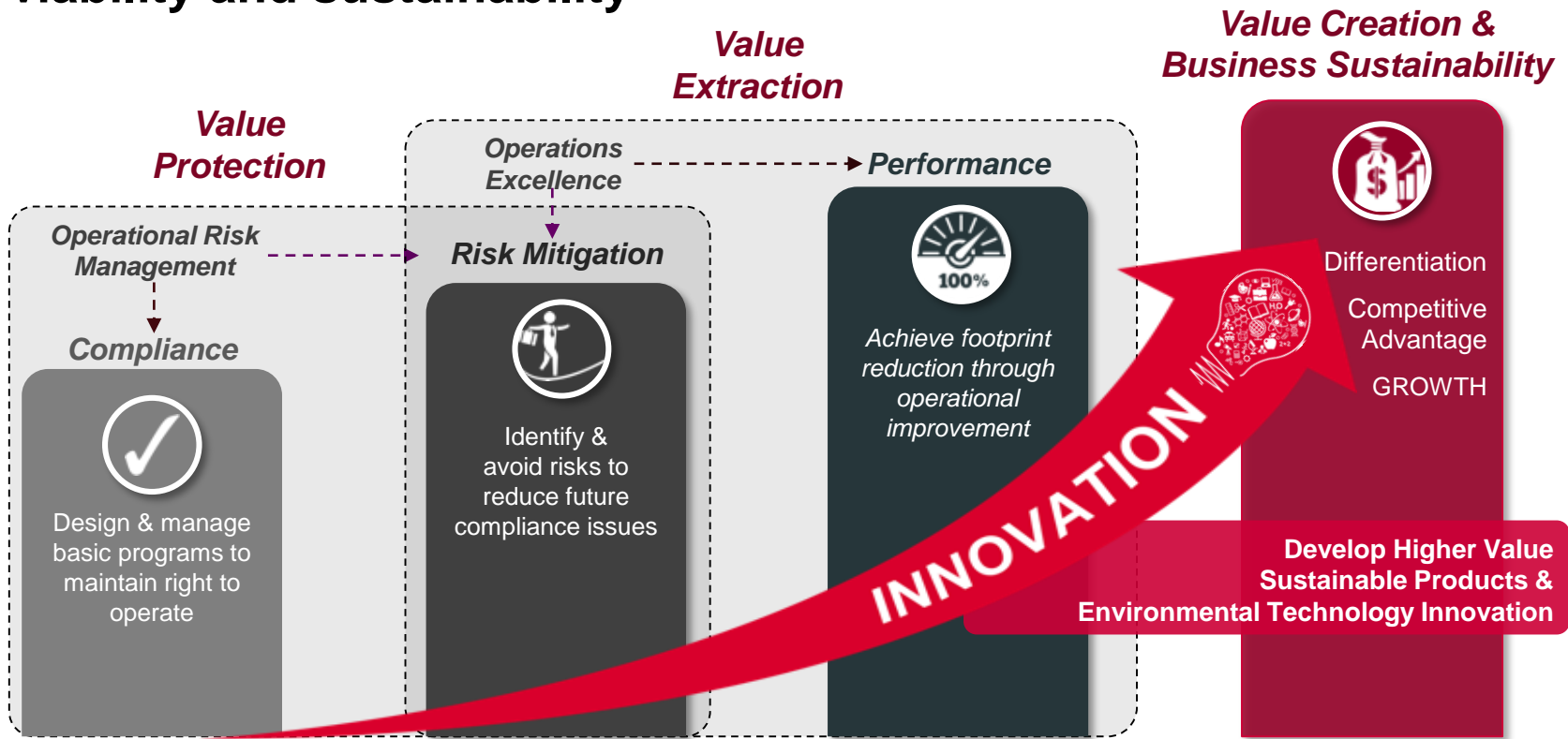
DuPont Sustainable Solutions

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The transformation opportunity towards long-term business viability and sustainability





Digital enables the transformation process across the Value Protection and Extraction Stages

Digital entails both digitizing processes and a reinvention of ways of working to derisk the business and enhance efficiency



Digitally Enabled Value Protection

- **Digitized & Connected** Plant Operations
- **Automate processes** to reduce manual interventions for 'high hazard' operations
- **Remote operations monitoring and maintenance**
- **IoT and Smart PPE** enabled emergency response, fire safety & evacuation drills



Digitally Enabled Value Extraction

- **Digital Twins** for Operations Modelling
- **Predictive Plant Maintenance**
- **AR/VR enabled training** on critical SOPs
- **Virtual plant commissioning** for overhauls
- **Remote inspections using drones**



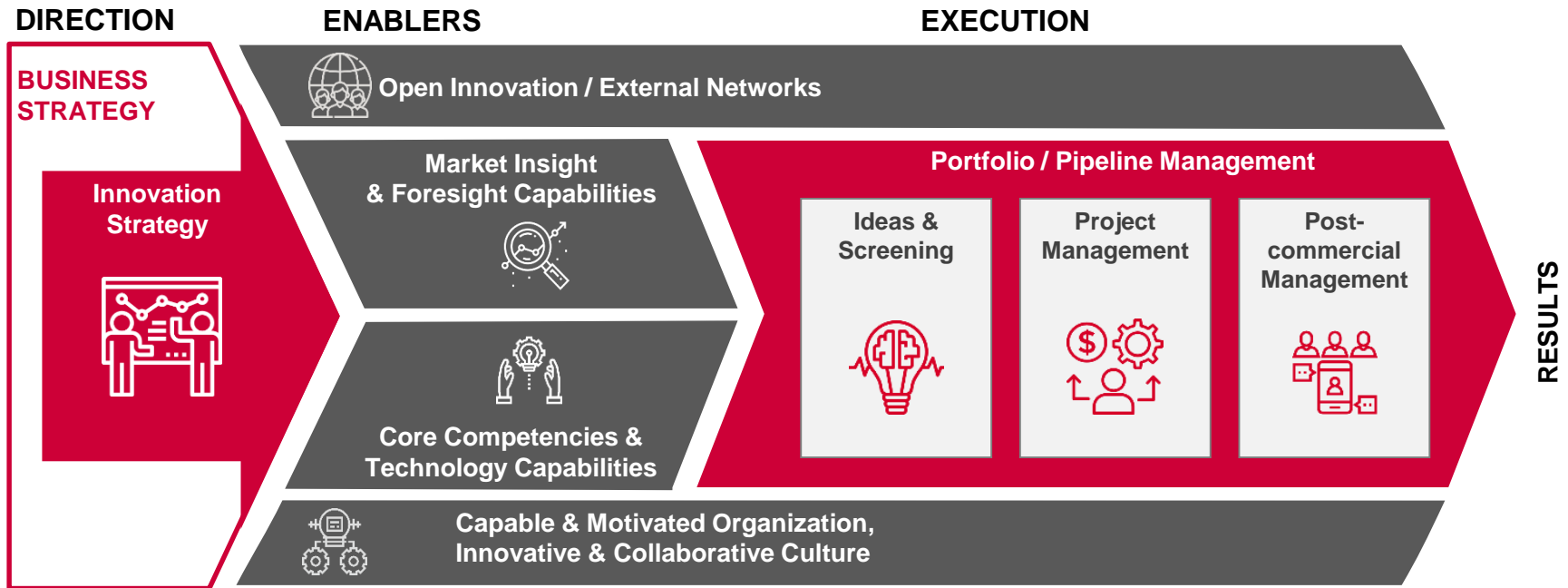
Digitally Enabled Value Creation

- **'Smart Connected Life Cycle Approach'** to mitigate Carbon Emissions across products & processes
- **Social Platforms for innovation incubation & workforce engagement** for new products & process enhancements
- **Digitally enabled supply chains for sustainable procurement**



Beyond managing risk and enhancing efficiency, innovation is critical to enable sustainable Value Creation and transformation

DuPont's Innovation Management Framework





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