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Sustainability

TNO innovation
for life

Sustainability Management Beyond the Corporate Boundaries Focus on hazardous substances

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What is sustainability?

Brundtland Report (1987):

'sustainable development is a **process of change** in which the exploitation of resources, the direction of investments, the orientation of technological development and institutional change are in harmony and enhance both current and future potential to meet human needs and aspirations'

And what is Corporate Social Responsibility (CSR, MVO)?

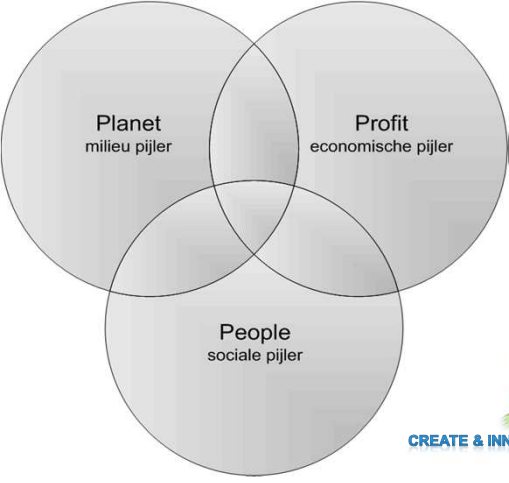
Various definitions, but similar elements compared to sustainability




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Triple bottom line, 3 P's





CREATE & INNOVATE SHARED VALUE FOR PEOPLE,
PLANET & PROFIT




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Global issues

Population Growth


New technologies


Health & Safety


Air, Water, Soil Pollution


Natural Resource Depletion


Climate Change


Company issues

Increased Regulation


Insecure supply


NGO/Consumer actions


Volatile Markets


Pressure transparency


Drive for Closed Loop





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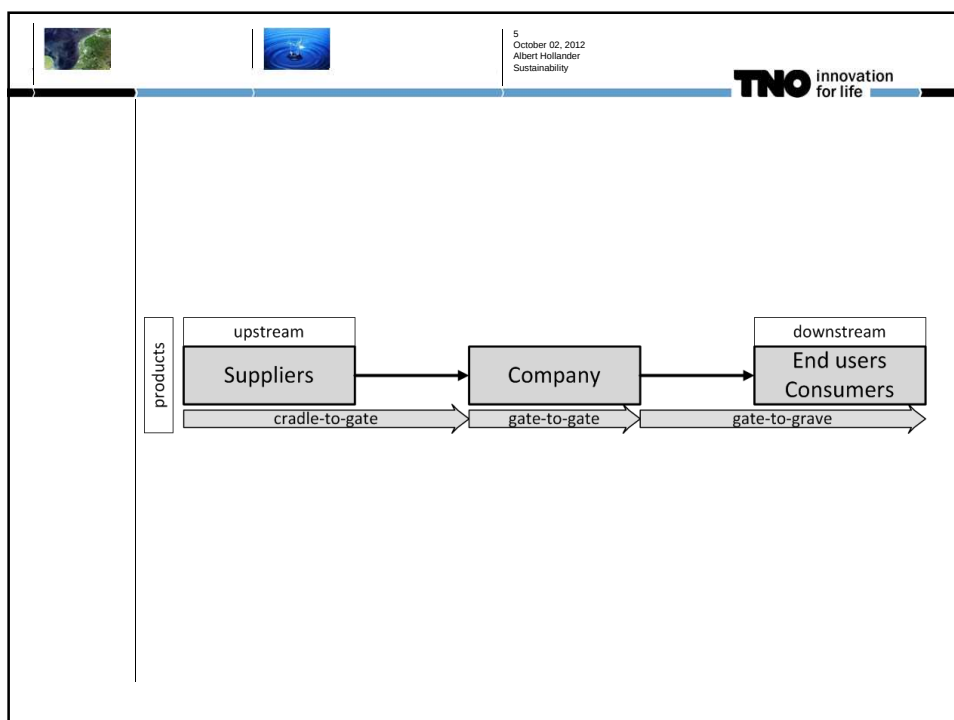
Integrated sustainability approach

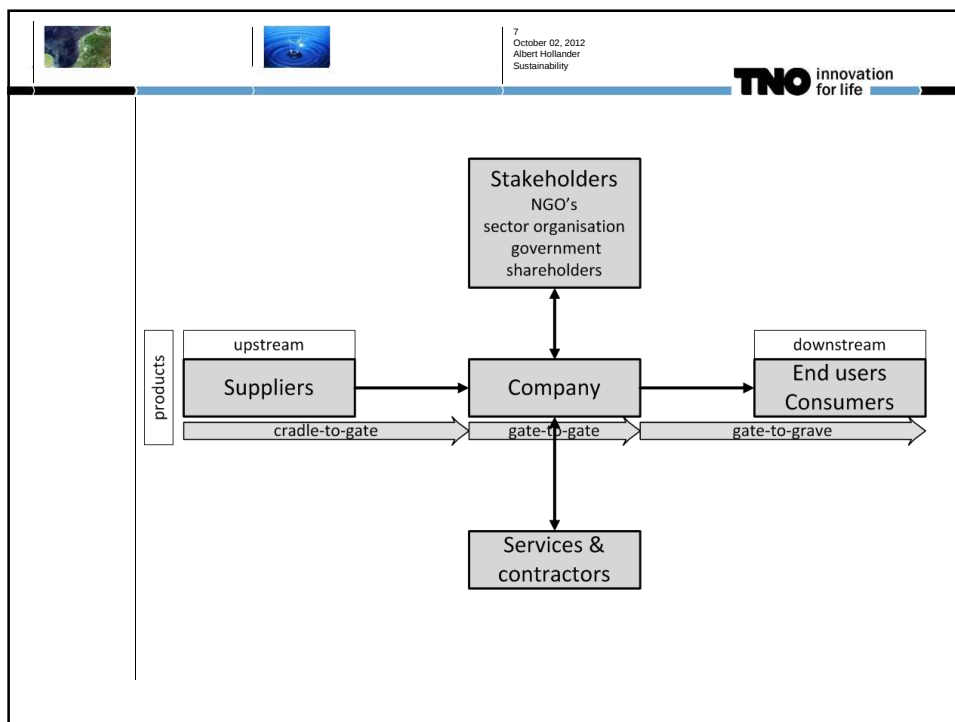
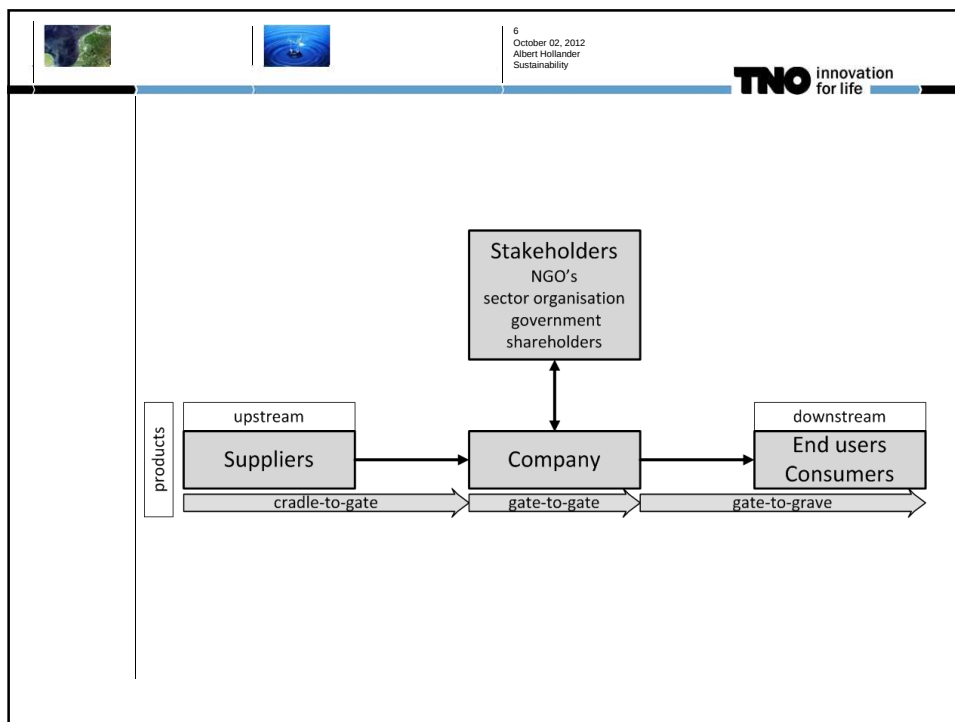
Pre-compliance	Compliance	Beyond Compliance	Integrated Strategy
Ignoring sustainability opposing related regulations.	Obedying laws and regulations on environment, health and safety.	Recognising the opportunity to cut costs mainly through efficiency and reduction of waste, leading to both financial and ecological gains. Sustainability is still separated from core business development. An annual sustainability report is mostly present.	Sustainability is integrated in the vision and strategy of the company. Sustainability strategy is incorporated through the value chain.

Risk

Efficiency and cost reduction

Business Opportunity Growth & Innovation







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Questions:

- › What are focal companies?
- › What is their approach in the field of sustainability supply chain management?
- › How can a focal company develop sustainability initiatives in the supply chain?
- › Can focal companies improve the health & safety in SMEs in the supply chain?



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SUSTAINABILITY MANAGEMENT BEYOND THE CORPORATE BOUNDARIES



SPIN-manager



Supply Chain Simulation: method of analysing supply chain in order to define success and failure factors, solutions and plans of action

Sustainability Strategic Dialogue: successful instrument in process of sustainability integration within companies and in the supply chain

The Sustainable Supply Chain Management Game: serious game for sustainability training, learning and communication in supply chain.