



Sustainability dimensions of global PtX value chains -- from concerns to certification

Heino von Meyer | Global Relations and Networking,
International PtX Hub, Berlin

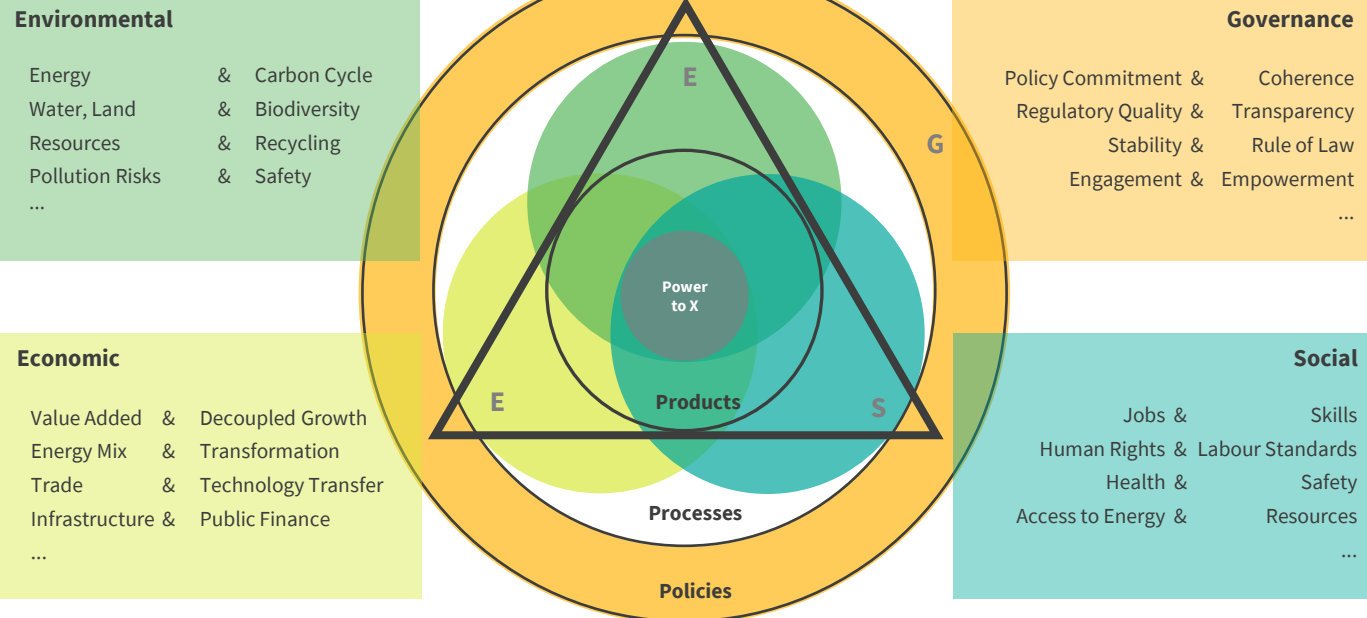
23 June 2021 | Global Alliance Powerfuels,
Berlin (online) | Annual Conference

Sustainability of global PtX Value Chains

-- from Concerns to Certification

Sustainability Assessments of PtX / powerfuels

based on a
**(1) comprehensive
EESG framework**



Sustainability dimensions and clusters of concerns

Sustainability of global PtX Value Chains

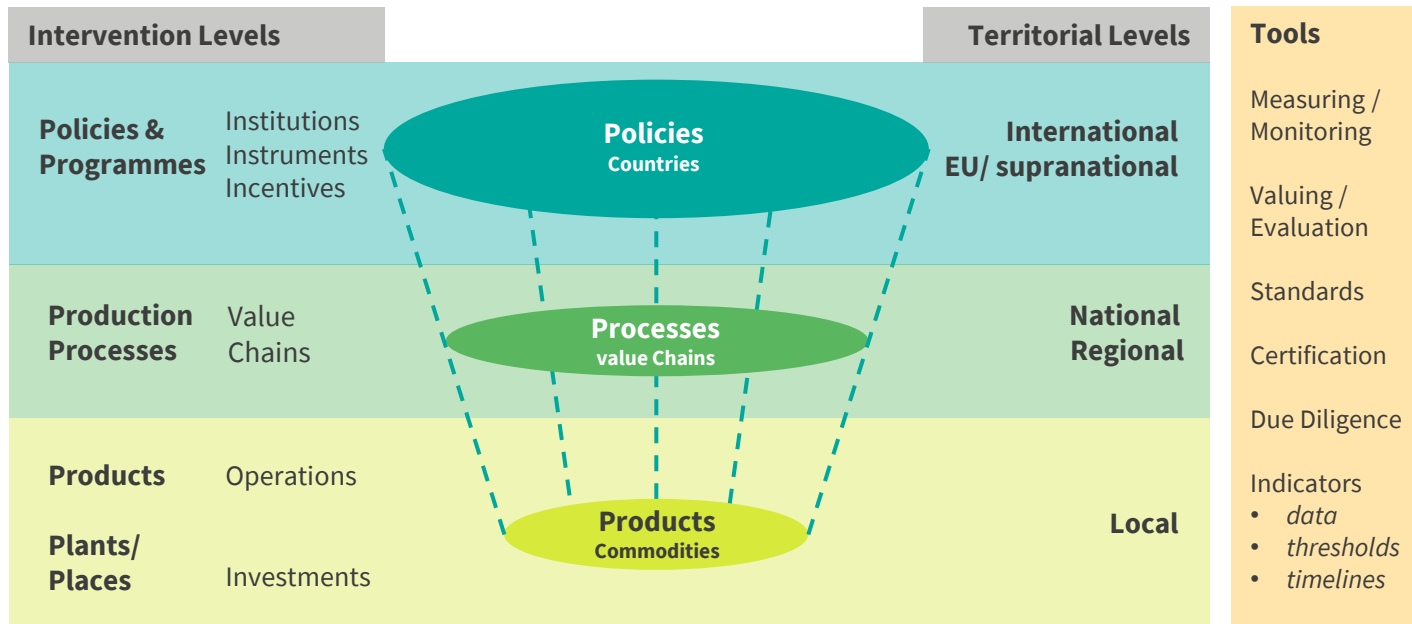
-- from Concerns to Certification

Sustainability Assessments

of PtX / powerfuels

based on a
(1) comprehensive EESG framework

at different
(2) analytical / territorial levels



Sustainability concerns must be considered **at different assessment levels**

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Sustainability Assessments of PtX / powerfuels

based on a

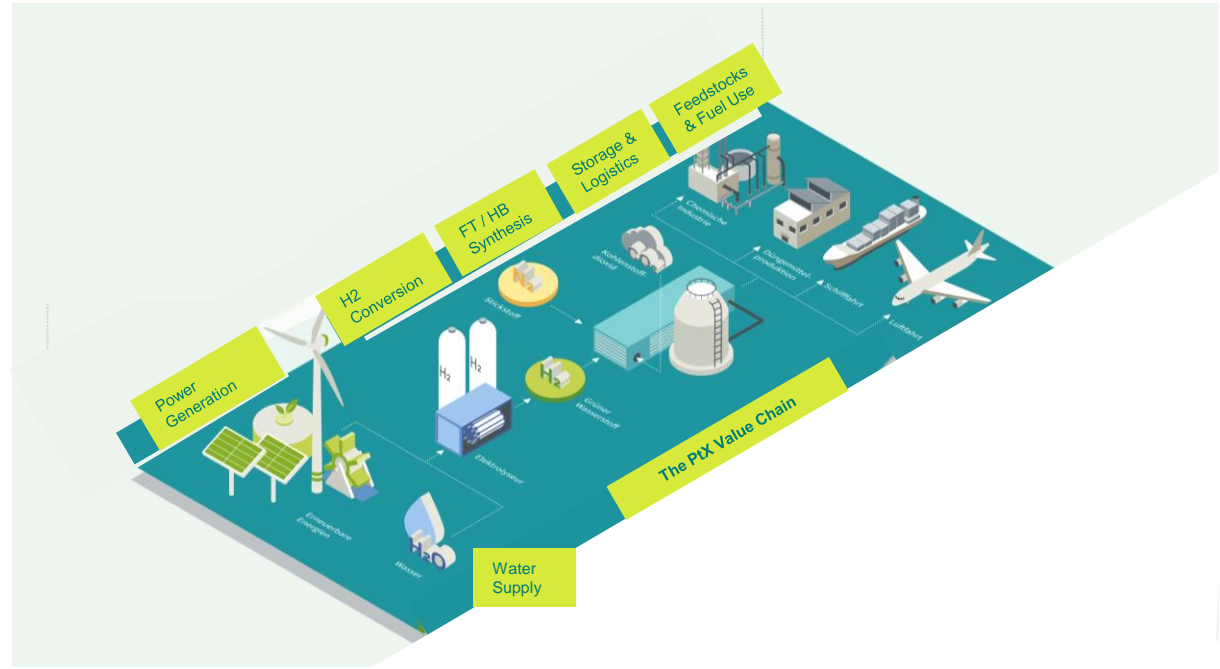
- (1) **comprehensive ESG framework**

at different

- (2) **analytical / territorial levels**

along the

- (3) **entire value chain**



Sustainability concerns must be considered at every step of the value chain

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Sustainability Assessments of PtX / powerfuels

based on a

- (1) **comprehensive EESG framework**

at different

- (2) **analytical / territorial levels**

along the

- (3) **entire value chain**

- (4) **Current initiatives**



H2 and PtX certification initiatives are still in an initial stage

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based on a

- (1) **comprehensive ESG framework**

at different

- (2) **analytical / territorial levels**

along the

- (3) **entire value chain**

- (4) **Current initiatives**

- (5) **An open question**

H2 and PtX trading products or properties ?

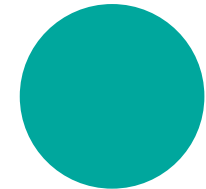
Production

Trading (ex- / import)

Consumption



physical transport



Certificate

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based on a

(1) **comprehensive
EESG framework**

at different

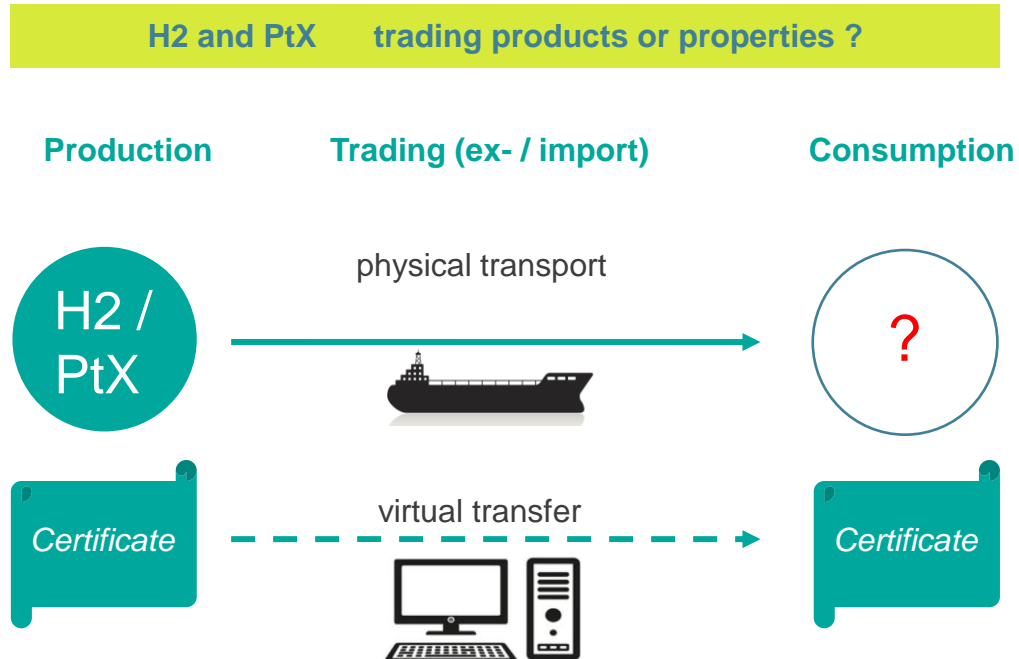
(2) **analytical /
territorial levels**

along the

(3) **entire
value chain**

(4) **Current initiatives**

(5) **An open question**





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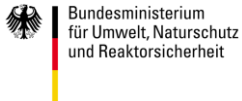




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Initiative IKI**

giz Deutsche Gesellschaft
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Zusammenarbeit (GIZ) GmbH



Intl. Networks



Sustainability



Knowledge & Trainings

Our mission:

Jointly with our partner countries we aim to
catalyse a global breakthrough
in the adoption of sustainably produced synthetic
PtX fuels and feedstocks, in particular in sectors
that cannot directly use electricity.

We will contribute to:

- establishing a **joint international PtX agenda**
- building **international networks and partnerships**
- tapping **national and global market potentials**
- developing **agreed sustainability standards**
- promoting **sustainable production of PtX products**
- broadening and **sharing knowledge and expertise**