

Session 5A: Transition Pathways



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Design of a set of criteria for just transition of SIA – apprehend the mindset

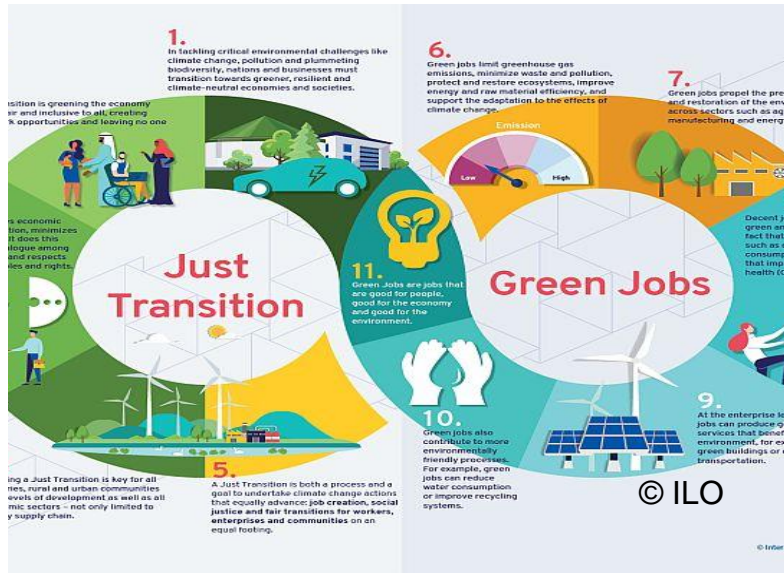
Creativity Workshop: World Café

7.6.23, 10th International Sustainable Industrial Areas (SIA) Conference, Cairo, Egypt

Guntram Glasbrenner, Patrick Büker, Nadine Stöcker, Michael Weber

Aim and format of workshop

Aim



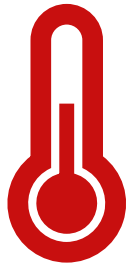
To learn about concept of „**Just Transition**“ and its potential application to SIA

Format



Key aspects of a „Just Transition“ of SIA will be discussed in World Café Format with collection of ideas presented back to plenary afterwards

Just Transition – What is it?



Global challenges such as **climate change, pollution and biodiversity loss** requires nations and businesses to transition towards **greener, resilient and climate-neutral** economies and societies



A **Just Transition** transforms economies into environmentally- and climate-friendly “**green**” **economies** that are fair and **inclusive** to all, create **decent work** opportunities and leave no one behind

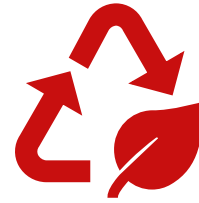


A Just Transition **maximises economic opportunities** – including the creation of fair and “green” jobs - of climate and environment action and **minimises non-intended negative effects** on societies/communities

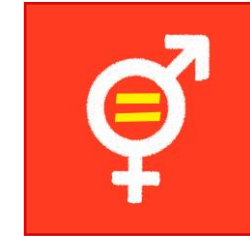
Just Transition – What is it?



To ensure a just transition, **effective social dialogue** among all affected stakeholders and respect of fundamental **labour principles and rights** is key and non-negotiable



Just Transition is gateway to “**green**” **jobs** that limit greenhouse gas emissions, minimise waste and air, water and soil pollution, protect and restore ecosystems, improve energy and raw material efficiency, and support the adaptation to the effects of climate change



These jobs also have to be **decent and fair**, proactively addressing **social risks and gender inequality**

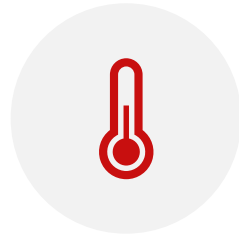
Just Transition – its significance for SIAs

- **Industrial areas** can only be **sustainable**, if they are environmentally- and climate-friendly, provide decent „green“ jobs and can be run viably
- Just Transition principles provide an excellent approach to frame the **transition phase** of
 - i) an **industrial area** that hasn't been sustainable so far
 - ii) a **region** that is modernising an existing industrial area or is newly setting-up a SIA

Just Transition – Key pillars for SIAs



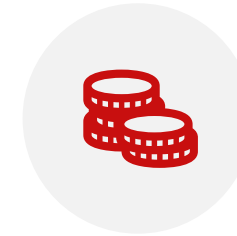
ENVIRONMENTAL
SAFETY



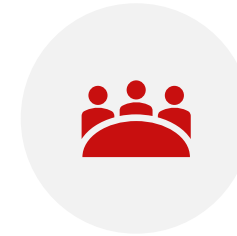
CLIMATE CHANGE
- MITIGATION AND
ADAPTATION



SOCIAL
EQUITY/
ASPECTS



ECONOMIC
VIABILITY /
ASPECTS



GOOD
GOVERNANCE

Environmental Safety



Environmental Impact
Analysis to secure soil
health, water quality and
air quality

Waste Management and
Waste Reduction

Biodiversity protection

Abatement of
environmental legacies

Promotion of circular
economy

Landscape Restoration

Climate Change – Mitigation and Adaptation



Protection of infrastructure from extreme weather events (floods, droughts, heatwaves, storms)

Cooling requirements

Alignment with NDCs

Promotion of energy efficiency

Mitigation of GHG-Emissions (CO₂ and non-CO₂) from production processes (incl. flaring / venting), also from waste

Promotion of renewable energy

Social Equity / Aspects



Protection of rights of affected workforce (formal and informal sector)

Creation of new jobs (fair, inclusive, gender-balanced, sustainable)

Set-up of social service system (kindergardens, schools, hospitals, health and pension schemes, recreational areas)

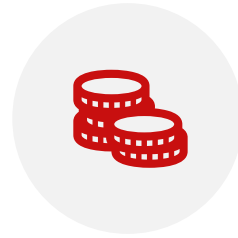
Protection of rights of women/girls of affected communities

Re-/upskilling of workforce

Effective participation of communities in development and implementation phase of transition

Employment diversification

Economic Viability / Aspects



Circular economy

Set-up of funding
mechanism for transition
by SIA owner

Provision of funds
(public/private) for
transition

Set-up of foundation for
long-term financial
management of
transitioning SIA / region

Investment in SMEs and
start-ups

Good Governance



Management of transition process based on good / best practices

Capacity building of management force

Effective participation of communities in development and implementation phase of transition

Transparent development and deployment of just transition plan

Policy coherence of transition plan