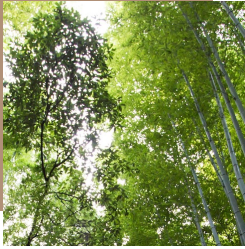


SUSTAINABILITY – **successful solutions for your footprint in China and India**



How to turn sustainability goals into successful business in Asia

Sustainability is taking a core place in current and future policies in China and India. Players in various industries should be well-prepared for upcoming changes. We support your local operations to transform sustainability into a competitive advantage with implementable solutions



SUSTAINABILITY – long-lasting impact on your strategy in Asia

Around the globe, policymakers and enterprises alike are starting to put sustainability as a key indicator in their supply chain assessment. This largely influences the leading manufacturing countries, China and India. **Both countries together emitted 38% of the world's greenhouse gases in 2020.**

Recent policies and actions have shown China's and India's determination in environmental protection and sustainable development. The Chinese 14th Five-Year-Plan puts a strong **emphasis on economic and environmental improvements** concerning quality, innovation and sustainability. The intended goal of the government is a 18 % reduction target for "CO₂ intensity" and a 13.5 % reduction target for "energy intensity" from 2021 to 2025 in China. India has committed to reducing greenhouse gas emission intensity by 33 – 35 % by 2030.

Promotion of **clean manufacturing** and a **'green' upgrade of existing facilities**, including improving energy efficiency, minimizing pollution and CO₂ emission, are key drivers to **boost green economy and sustainability**. To remain competitive, globally-acting companies need to embrace this momentous change and adapt their strategy in China and India, the biggest environmental polluters worldwide.



"Sustainability is no longer an option, but an imperative - to remain successful in the long term requires investment in alternative materials and innovative processes that lead to scalable and competitive technologies allowing a sustainable circular economy."

Dr. Christoph Schneider
EAC Senior Consultant





SUSTAINABILITY – regional gravity centers

Europe is the frontrunner in terms of sustainability and environmental protection, but **China and India are quickly catching up**. Both countries want to **reduce carbon emissions significantly** in the near future to meet the **1.5 °C target** and anticipate possible **carbon border adjustment mechanisms** for exports to the European Union.

EU GREEN DEAL & FIT FOR 55



- **European Green Deal** - Implementing carbon footprint reduction targets in order to reach **climate neutrality by 2050**
- **Fit for 55** - European Commission's plan to **decrease greenhouse gas emissions by 55 percent by 2030**
- **Subsidies** - EU provides a total of **100 bln EUR** to achieve **net zero emissions by 2050**

SUPPLY CHAIN DUE DILIGENCE



- **Starting from 2023** - Large companies operating in Europe will be legally required to **take responsibility for ethical supply chains**
- **High action demand for companies with operations in Asia** - tracking their back-to-back supply chain to avoid potential adverse impacts and document respective approaches



CHINA'S 14TH FIVE-YEAR PLAN



- **Goals of 14th Five-year plan** - 18 % reduction target for “CO₂ intensity”, 13.5 % reduction target for “energy intensity” from 2021 to 2025 in China
- First time introduction of **long-term climate goals** and an absolute “**CO₂ emissions cap**”
- **Peak CO₂ emissions in 2030** while reaching **carbon neutrality by 2060**

SUSTAINABILITY IN INDIA



- India is committed to **reducing greenhouse gas emission intensity by 33-35% by 2030** based on 2005
- **ESG reporting requirements** - India's top 1000 listed companies must submit a **Business Responsibility and Sustainability Report** (voluntary in FY'22 and mandatory in FY'23)



SUSTAINABILITY – opportunities in key industries

The transition of various industries towards **sustainable economic activities** and climate neutral production is one key element to meet the emission targets set by the Paris agreement. Stringent regulations require **investments in innovative alternative materials and processes** that **lead to scalable and competitive technologies** aiming for a circular economy.

MOBILITY

- Leveraging potentials in emerging **battery value chain**
- Sustainable **materials for components**



MACHINERY

- **Circular economy** & customer requirements
- Market opportunities for **sustainable manufacturing**



CONSTRUCTION

- Opportunities for **green building materials**
- Dissect **EU Green Deal** and the renovation boom

ENERGY & ENVIRONMENT

- Market opportunities for **wind & solar components**
- **Transformation** subsidies

CHEMICALS

- **Transformation potentials** through carbon offsetting
- Green product **sales**

PHARMA & HEALTHCARE

- Sustainable **packaging**
- Medical Hazardous **waste management**



CONSUMER GOODS

- Leveraging **green consumer potentials** in growth markets (China / India / SEA)

EXHIBITION

- Embracing the trend of **'green' exhibits** driven by global & local policies





SUSTAINABILITY – EAC service offerings

With **sustainability solutions** in particular for our **core markets China and India**, EAC offers four service modules and is ready to help customers in the areas of ESG strategy formulation, product innovation, supply chain management and green manufacturing. **Our USP: We support your local operations in Asia to transform sustainability into a competitive advantage** with implementable and customized solutions.



ESG STRATEGY FORMULATION

We guide our clients to **implement a clear and actionable ESG STRATEGY** and to build-up credibility through **sustainability labels**

- Global ESG Regulation & Subsidy Management
- ESG Certifications, Reporting and Audit
- Roadmap for Sustainable Transformation



RESPONSIBLE SUPPLY CHAIN

We advise our clients to assess and optimize their **supply chain in Asia beyond regulatory requirements**

- Supply Chain Due Diligence, Conformity and Redesign
- Evaluation of Nearshoring Concepts
- Circular Supply Chain Feasibility



SUSTAINABLE PRODUCTS INNOVATION

We support our clients in **identifying sustainable product opportunities** and guide the transformation process

- Circular Product Mapping & Packaging Solutions
- Actionable Go-to-Market Concept
- Product Life Cycle Assessment



GREEN MANUFACTURING

We help our clients to **reduce emissions in their operations** and promote **carbon footprint optimization**

- Carbon Footprint Mapping & Roadmap to Neutrality
- Waste Reduction & Recycling Concepts
- Carbon Neutrality & Trading Opportunities

EAC – your partner in growth markets

- > 25 years consulting experience in over
- > 50 countries with
- > 2,500 projects

= our expertise





**EAC SUSTAINABILITY TEAM –
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Contact our experts directly to discuss your sustainability goals and ideas

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