

TEXTILE & APPAREL INDUSTRY



CARLA CHIDICHIMO

ETHICAL NOMADS

Design and manufacturing studio with focus on sustainable apparel.

Our mission is to enhance and simplify the production of garments in a environmental and socially responsible way.



TRUECOLOURS TEXTILES

Sustainable textile supplier.

Our mission is to enhance and simplify the sourcing process of textiles produced in a environmental and socially responsible way.



TEXTILES & APPAREL

*Challenges of the supply chain management
in a sustainable industry.*

SUSTAINABILITY

What are our key parameters?

KEY PARAMETERS

ENVIRONMENTAL PARAMETERS

**Water
consumption**

**CO2
emissions**

**Chemicals
usage**

**Waste
creation**

Biodiversity

**Soil
depletion**

**Air, water and
land pollution**

SOCIAL PARAMETERS

**Labor
practices**

**Health &
safety**

**Community & ext.
engagement**

Supply chain

Textile and apparel stakeholder industries

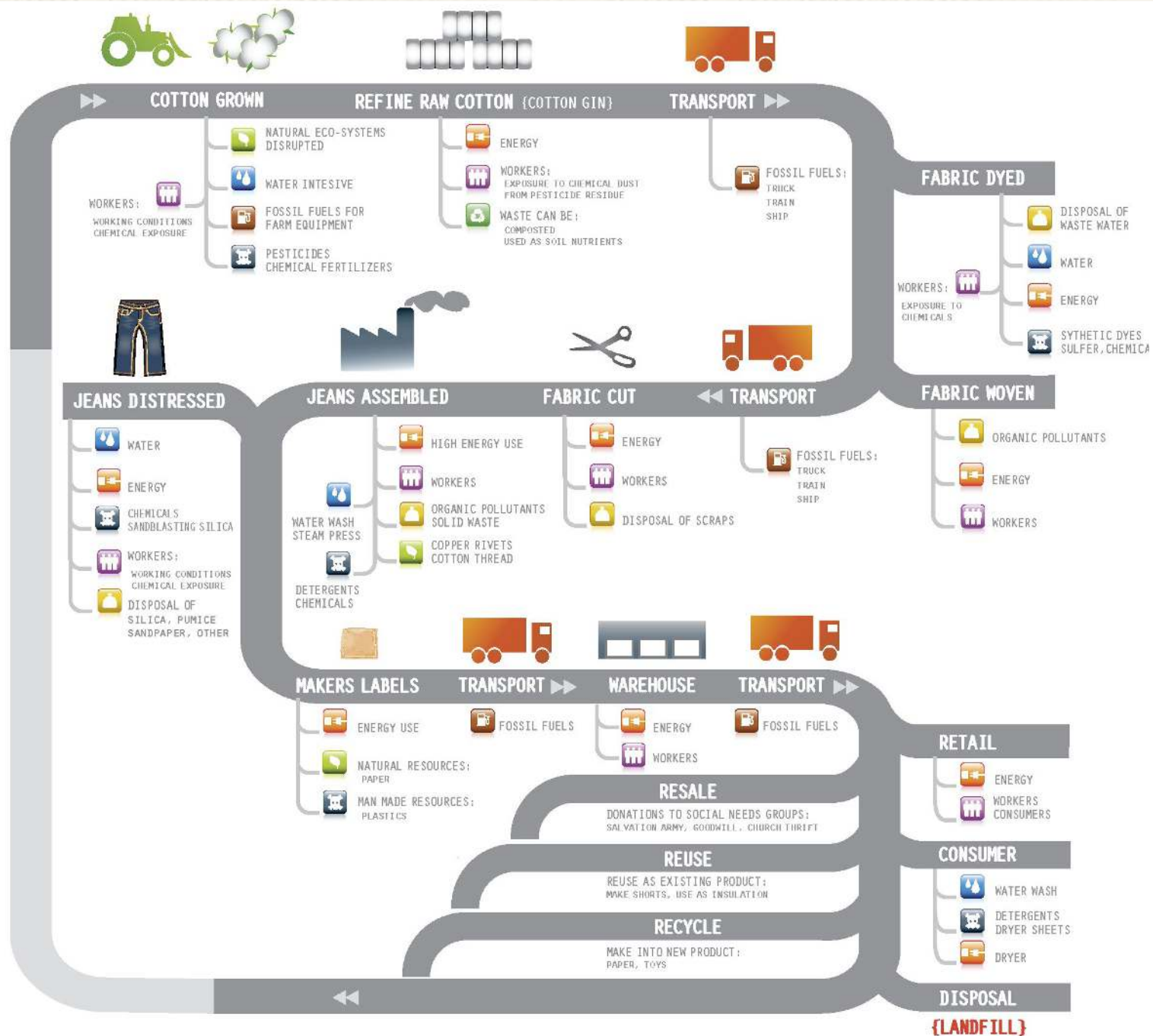
SUPPLY CHAIN



Jeans supply chain

Analysis of weak points in the supply chain

JEANS SUPPLY CHAIN



JEANS SUPPLY CHAIN



JEANS SUPPLY CHAIN



REFINE RAW COTTON {COTTON GIN}

TRANSPORT

EXPOSURE TO LOUD
SOUNDS

In sensitive areas
workers are migrants
with less rights, poor
wages, no workers
rights, limited access
to clean water and
high risk of child
labor.



ENERGY



WORKERS:

EXPOSURE TO CHEMICAL DUST
FROM PESTICIDE RESIDUE



WASTE CAN BE:

COMPOSTED

USED AS SOIL NUTRIENTS

JEANS SUPPLY CHAIN



JEANS SUPPLY CHAIN

FABRIC WOVEN



ORGANIC POLLUTANTS



ENERGY



WORKERS

JEANS SUPPLY CHAIN



FABRIC CUT



ENERGY



WORKERS



DISPOSAL OF SCRAPS

JEANS SUPPLY CHAIN



JEANS SUPPLY CHAIN



JEANS DISTRESSED



WATER



ENERGY



CHEMICALS
SANDBLASTING SILICA



WORKERS:
WORKING CONDITIONS
CHEMICAL EXPOSURE



DISPOSAL OF
SILICA, PUMICE
SANDPAPER, OTHER

Available solutions

Certifications and labels scope

CURRENT SOLUTIONS

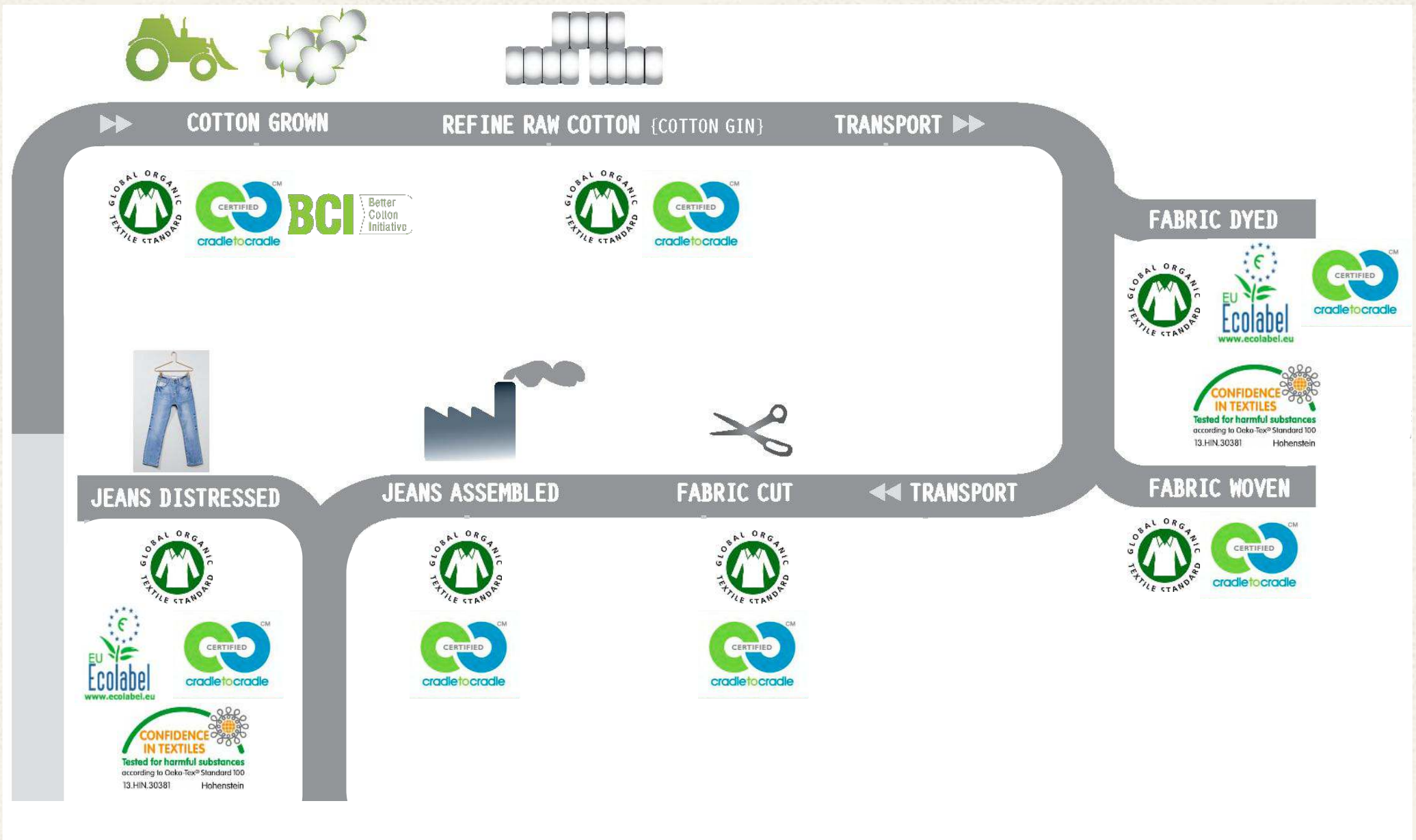
KEY CERTIFICATIONS, SCHEMES AND INITIATIVES



CURRENT SOLUTIONS

							
ENERGY	X	✓	✓✓	X	✓	✓	X
WATER	✓	✓✓	✓✓	X	✓✓	✓✓	✓✓
CHEMICAL USAGE	✓✓	✓✓	✓✓	✓✓	✓✓	✓✓	✓
AIR POLLUTION	X	X	✓✓	X	✓✓	X	X
HEALTH AND SAFETY	✓✓	X	✓	X	✓✓	✓✓	✓
MANAGEMENT SYSTEM	✓	✓	X	X	✓✓	✓✓	✓
ENVIRONMENTAL POLICY	✓✓	✓	✓	X	✓	✓✓	✓
SOCIAL RESPONSIBILITY	✓	X	✓✓	X	✓	✓	✓
AUDITS	✓✓	✓✓	✓✓	✓✓	✓✓	✓✓	✓✓
IMPLEMENTATIONS TOOLS	✓✓	✓✓	✓✓	✓✓	✓✓	✓✓	✓✓
LABELING	✓✓	✓✓	✓✓	✓✓	✓✓	✓✓	✓✓

SUPPLY CHAIN



Directly implementable solutions

*Environmental, social and overarching
solutions to start implementing.*

DIRECTLY IMPLEMENTABLE SOLUTIONS

- ▣ Individual company effort
- ▣ Collaborative industry effort

Magnitude of collaboration and innovation

Low



DIRECTLY IMPLEMENTABLE SOLUTIONS



DIRECTLY IMPLEMENTABLE SOLUTIONS

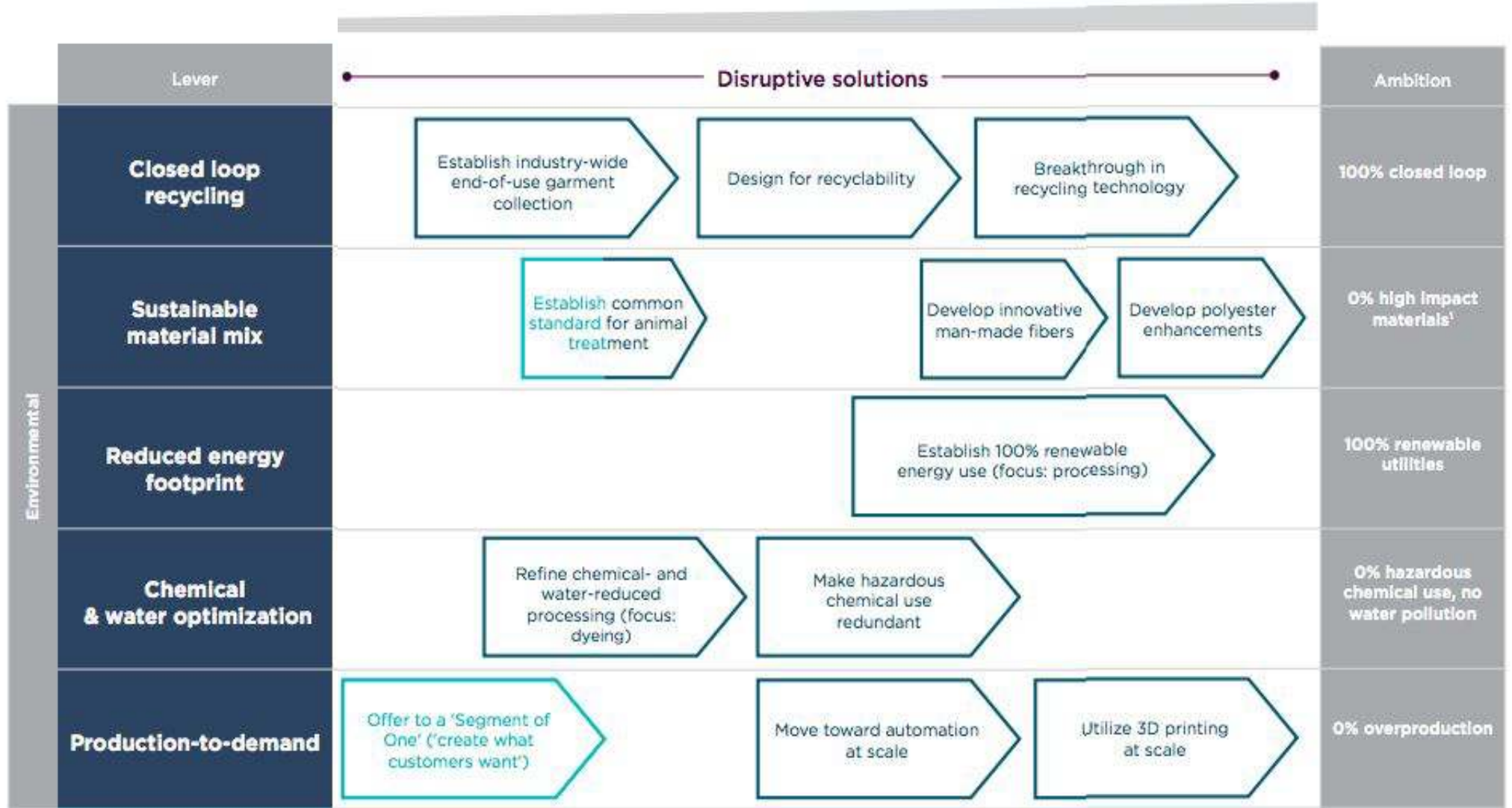


Disruptive solutions

Environmental, social and overarching solutions to reach an ideal industry.

DISRUPTIVE SOLUTIONS

- Individual company effort
- Collaborative industry effort

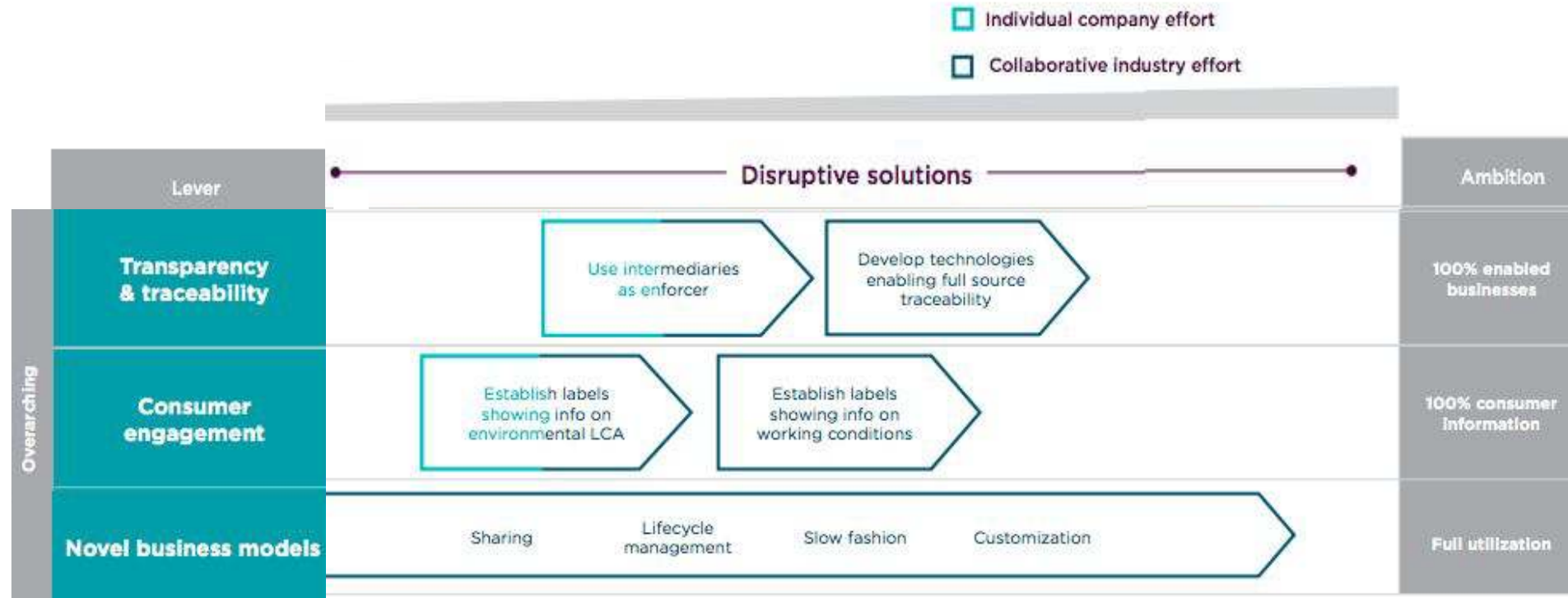


DISRUPTIVE SOLUTIONS

- Individual company effort
- Collaborative industry effort



DISRUPTIVE SOLUTIONS



THANKS!

Any questions?

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