

ZDHC: LA SOSTENIBILITÀ, CHIMICA DEI PRODOTTI RICICLATI

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Ø ZDHC

LA GESTIONE SOSTENIBILE DELLE SOSTANZE CHIMICHE – ZDHC ROADMAP TO ZERO

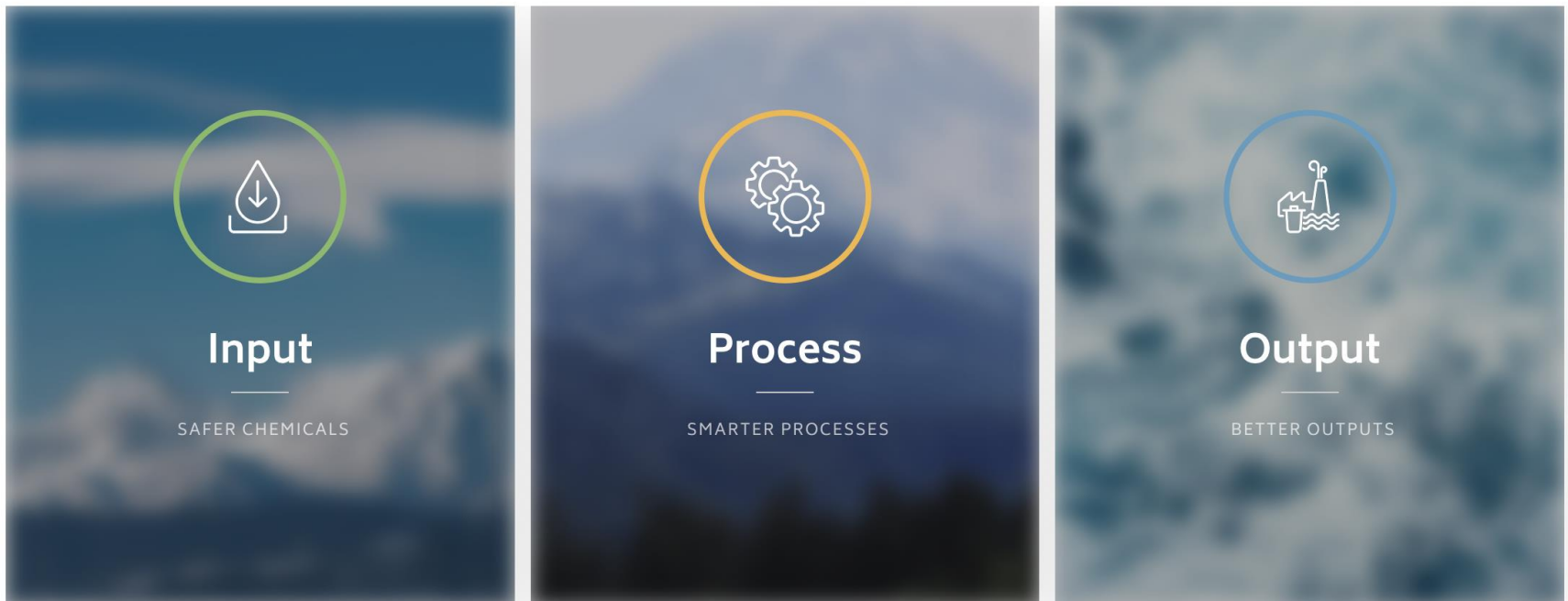
Il principale obiettivo di ZDHC è quello di rendere la pratica della gestione sostenibile delle sostanze chimiche universale nell'industria della moda ed aiutare i brand, le manifatture e le aziende chimiche a ridurre la propria impronta chimica.

LA CHIMICA E' PARTE DELLA SOLUZIONE.



LA GESTIONE SOSTENIBILE DELLE SOSTANZE CHIMICHE – ZDHC ROADMAP TO ZERO

MRSL (Manufacturing Restricted Substances List)



GATEWAY

By ZDHC



ACADEMY

By ZDHC



**SUPPLIER
to Zero**

By ZDHC



GATEWAY

By ZDHC

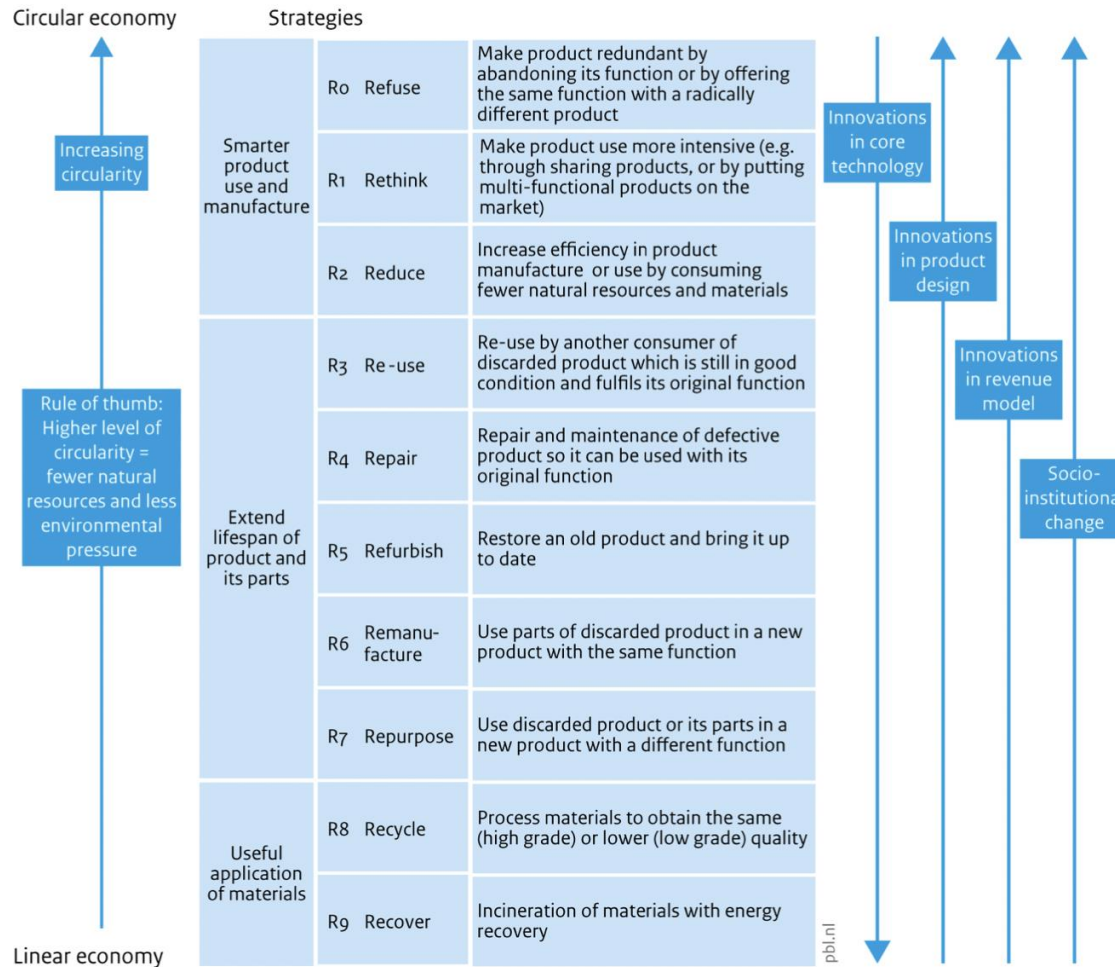
ECONOMIA LINEARE



Estrazione – Produzione – Utilizzo - Smaltimento

STRATEGIE DI ECONOMIA CIRCOLARE

Figure 1
Circularity strategies within the production chain, in order of priority



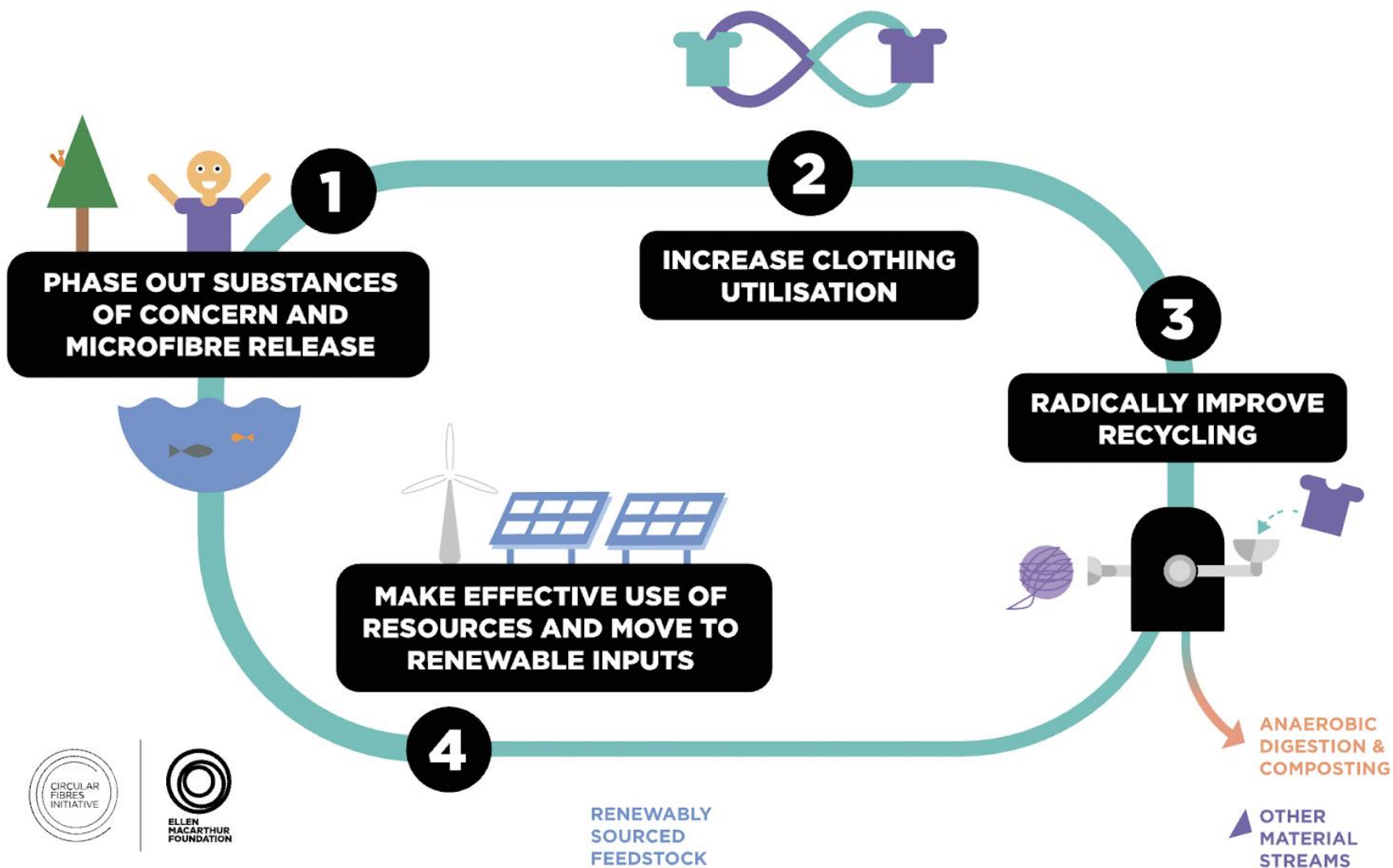
Rifiuta, Ripensa,
Riduci,
Riutilizza, Ripara,
Rinnova, Ricrea,
Riproponi, Ricicla,
Recupera.

Source: RLI 2015; edited by PBL

CHIUDERE IL CERCHIO

ZDHC
23 settembre 2022

SETTIMANA
EUROPEA
PER LO SVILUPPO
SOSTENIBILE
20.-26. SETTEMBRE





THE JEANS REDESIGN GUIDELINES

The production of jeans is safe for the long-term health of people and ecosystems.

The following measures define the minimum requirements of material safety that must be met:

a. Jeans are made with chemicals that comply with Level 1, Zero Discharge Of Hazardous Chemicals Manufacturing Restricted Substance List as a minimum

The Zero Discharge of Hazardous Chemicals (ZDHC) Manufacturing Restricted Substance List (MRSL) is a list of chemical substances banned from intentional use in facilities that process textile materials. This includes not only chemicals used specifically for production, but also cleaning supplies, machine cleaners, lubricants, etc. that are in use in the facility for maintenance and support. The ZDHC MRSL sets restrictions on trace concentrations for banned chemical substances that are not intentionally used but may be found as unintended contaminants within a commercial chemical formulation.¹⁵

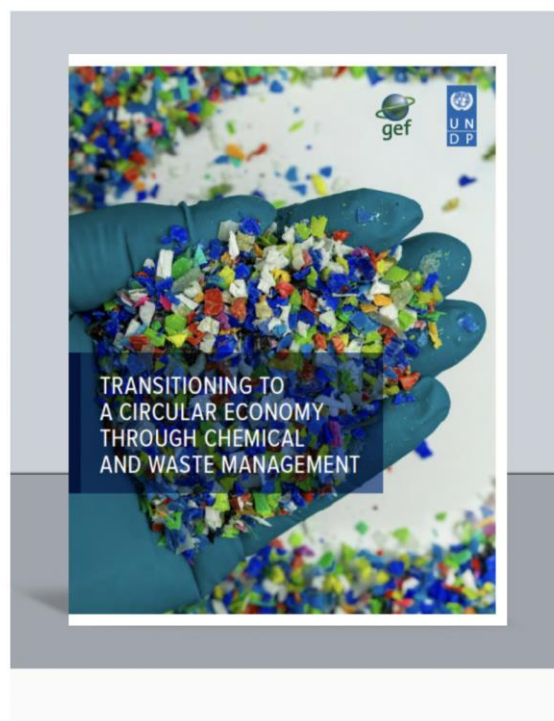
WHO WE ARE

WHAT WE DO



OUR IMPACT

GET INVOLVED



TRANSITIONING TO
A CIRCULAR ECONOMY
THROUGH CHEMICAL
AND WASTE MANAGEMENT

Transitioning To A Circular Economy Through Chemical and Waste Management

MARCH 10, 2022

With thousands of industrial chemicals being marketed worldwide, and new chemicals becoming more complex, it is increasingly clear that a robust life cycle management system for chemicals and waste and a systematic approach towards a circular economy is required. A circular economy eliminates waste and pollution, keeps products and materials in use and regenerates natural systems. This publication describes UNDP's interventions on Chemicals and Waste Management, which aim to achieve circularity.

DOCUMENT
TYPE [Report](#)

SUSTAINABLE
DEVELOPMENT
GOALS [Goal 12: Responsible consumption and production](#)

TOPICS [Chemicals and waste management](#)

<https://www.undp.org/publications/transitioning-circular-economy-through-chemical-and-waste-management>

**PRE -
CONSUMO**

VS

**POST -
CONSUMO**



ASPETTATIVE CONDIVISE E GUIDATE DAI DATI



CID CONSORZIO ITALIANO
IMPLEMENTAZIONE
DETOX

Gestione della sostenibilità delle imprese della filiera del sistema moda



- Alessandro Calogero – CRAB Medicina Ambiente S.r.l.
- Andrea Cavicchi – Consorzio Italiano Implementazione Detox
- Chiara Salmoiraghi - Centro Tessile Cotoniero e Abbigliamento S.p.A.
- Chiara Vallese - Benetton Group
- Elisa Gavazza – ZDHC
- Enrica Baldini – Centro Tessile Serico S.r.l.
- Ettore Piacenza – Presidente Sezione Lanifici Unione Industriale Biellese
- Giuseppe Bartolini – TEST & INNOVATION LAB S.r.l.
- Giuseppe Picerno – Manteco S.p.A.
- Letizia Bregola – Centro Tessile Cotoniero e Abbigliamento S.p.A.
- Marco Bortolini – Presidente Sezione Filature Unione Industriale Biellese
- Massimo Cavarzeran – Benetton Group
- Maurizio Mancini – Presidente Sezione Nobilitazione Unione Industriale Biellese
- Paolo Monfermoso – Unione Industriali Biellese
- Silvia Berra - Unione Industriali Biellese
- Silvia Tarocchi - Consorzio Italiano Implementazione Detox

**RSL (RESTRICTED SUBSTANCES LIST) NEI PRODOTTI TESSILI IN FIBRE TESSILI RICICLATE
(LANA, COTONE E SETA)**

https://www.consorziidetox.it/wp-content/uploads/2022/02/RSL-_Natural-recycled-fibres-textile-WEB-IT.pdf

Grazie

www.roadmaptozero.com

