

# IMPLEMENTATION OF THE PROGRAMME CELKrog IN THE NATIONAL STRATEGY OF CIRCULAR ECONOMY

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REPUBLIKA SLOVENIJA  
VLADA REPUBLIKE SLOVENIJE



KROŽNO GOSPODARSTVO SLOVENIJE  
CIRCULAR ECONOMY OF SLOVENIA



POVEZANI ZA RAST  
*zeleni · pametni · učinkoviti*



Green. Creative. Smart.

TADEJ SLAPNIK  
STATE SECRETARY IN OFFICE OF THE PRIME MINISTER

Transition into circular economy  
= process

Focus on the  
Circular Business Models  
is needed to succeed!

Changes in politics, business, consumption  
and management are needed.



# ACTION TIME

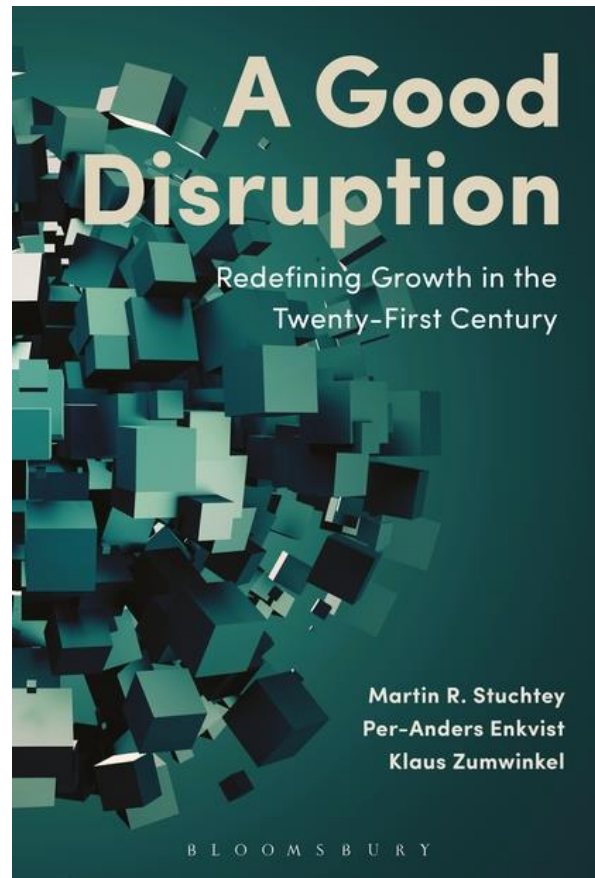


NOVEMBER 7 TO 18

MARRAKECH  
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UN CLIMATE CHANGE CONFERENCE



## REDEFINING ECONOMIC GROWTH



“A Good Disruption makes a compelling case for redefining economic prosperity, unlocking creativity and kickstarting regenerative cycles in the digital age.”

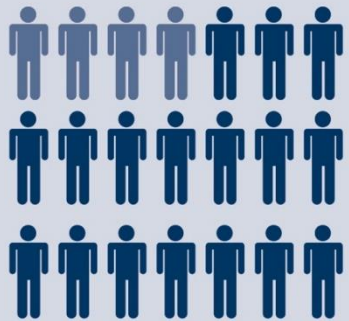
Ellen MacArthur, Founder,  
**the Ellen MacArthur Foundation**

# UNPLESANT FACTS OF THE 20. CENTURY

1

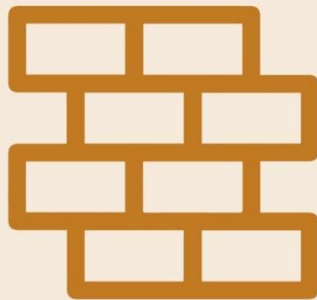
3.7 x

se je povečala  
rast prebivalstva  
(do 2050 9.7 MLRD)



34 x

se je povečal letna raba  
gradbenega materiala



27 x

se je povečala letna raba  
rud in mineralov

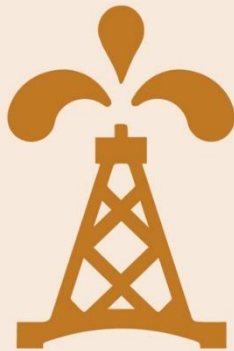


## UNPLESANT FACTS OF THE 20. CENTURY

2

12 x

se je povečala letna raba  
fosilnih goriv



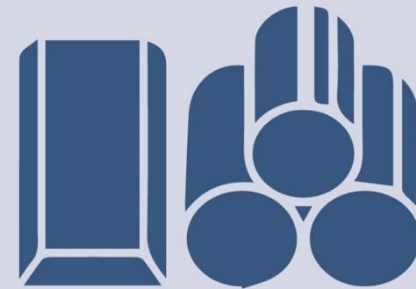
3.6 x

se je povečala letna raba  
biomase



8 x

se je povečala  
skupna poraba materiala



# UNPLESANT FACTS OF THE 20. CENTURY

3

13 x

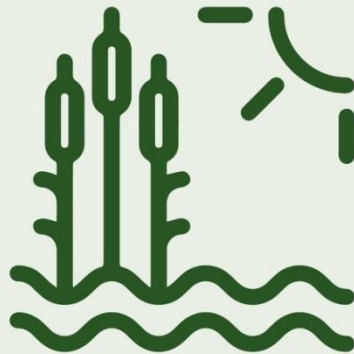
so se povečale  
emisije toplogrednih plinov



danes je

60%

ekosistemov degradiranih  
ali pa jih uporabljamo  
netrajnostno



2010

smo prvič v tem stoletju  
zabeležili počasnejšo  
rast pridelkov od rasti  
prebivalstva



## WITH THE COLLABORATION TO THE VALUE MAXIMISATION

**Circular economy** is an economy in which:

- stakeholders **collaborate**
- in order **to maximise the value** of products and materials,
- and as such **contribute to minimising the depletion of natural resources** and create **positive societal and environmental impact.**

*Kraaijenhagen, C., Van Oppen, C., Bocken, N.: Circular Business, Collaborate and Circulate. Circular Collaboration, The Netherlands, 2016*



# KROŽNO GOSPODARSTVO KOT NUJA, NE KOT IZBIRA



„Circular economy is enabling us to keep different resources in the product and consumption cycle for as long as possible.“

*Dr. Janez Potočnik, Evropski komisar za okolje 2010/14, partner SistemiQ*

**Tradicional linear** economic model – take / make/use / discard, is replaced with the **circular model**, where we use resources responsibly – by the implementation of the circular design, maintenance, refurbishing, repair, reuse and recycling.

## CHALLENGES OF THE CIRCULAR ECONOMY

- new approach toward resources → **waist** has to become **resource**;
- **different relations** among stakeholders → new technology, sharing of knowledge, open learning platforms, sharing economy → challenge for companies... **Intellectual rights?**
- **extended producer responsibility** – related to the costs for the final life cycle of the products;
- different **mindset and lifestyle** of the consumers;
- transformation **from products to services**.

## PROGRAMME CELKrog AS THE ANSWER TO THE CHALLENGES

Majority of SME's already applied (at least some) activities related to the resource efficiency, most of them are planning to do so in the next two years.

### **Development has to be based on:**

- Innovation,
- Environment friendly solutions,
- Collaboration between business & research,
- HR – engagement of employees,
- Integration into local and international business environment;

### **What business need:**

- Consulting on best business solutions;
- Information about waste / material flows;
- Collaboration among different companies;
- Exchange of knowledge and information;

## SLOVENIA – GREEN REFERENCE COUNTRY IN DIGITAL EUROPE

What do we already have in Slovenia:

- **Programme** for the transition to green economy,
- Intersectoral **working group for circular economy** within the Ministry of Environment,
- **Partnership for circular economy** in the cabinet of the Prime Minister,
- Reform of the **System for open sources and Regulation for green public procurement** within the Ministry of Public Administration,
- „**SRIP**“ for the **Circular Economy** - tender,
- **Membership** of the Republic of Slovenia as well as of the City of Ljubljana in **Ellen MacArthur Foundation**,
- Collaboration among different stakeholders within the international platform **Circular Change**.

## THE ROLLE OF PARTNERSHIP FOR CIRCULAR ECONOMY

- **Exchange of knowledge**
- **Shared vision**
- **Solution oriented collaboration**
- **Best practices**
- **Vertical and Horizontal cooperation**



**Two-way communication**

## ACTIVITIES OF PARTNERSHIP FOR CIRCULAR ECONOMY

- **Different events**
- **Konstitutional meeting** 3. 11. 2016, Brdo pri Kranju
- **Regional events**
- **Business Conferences**

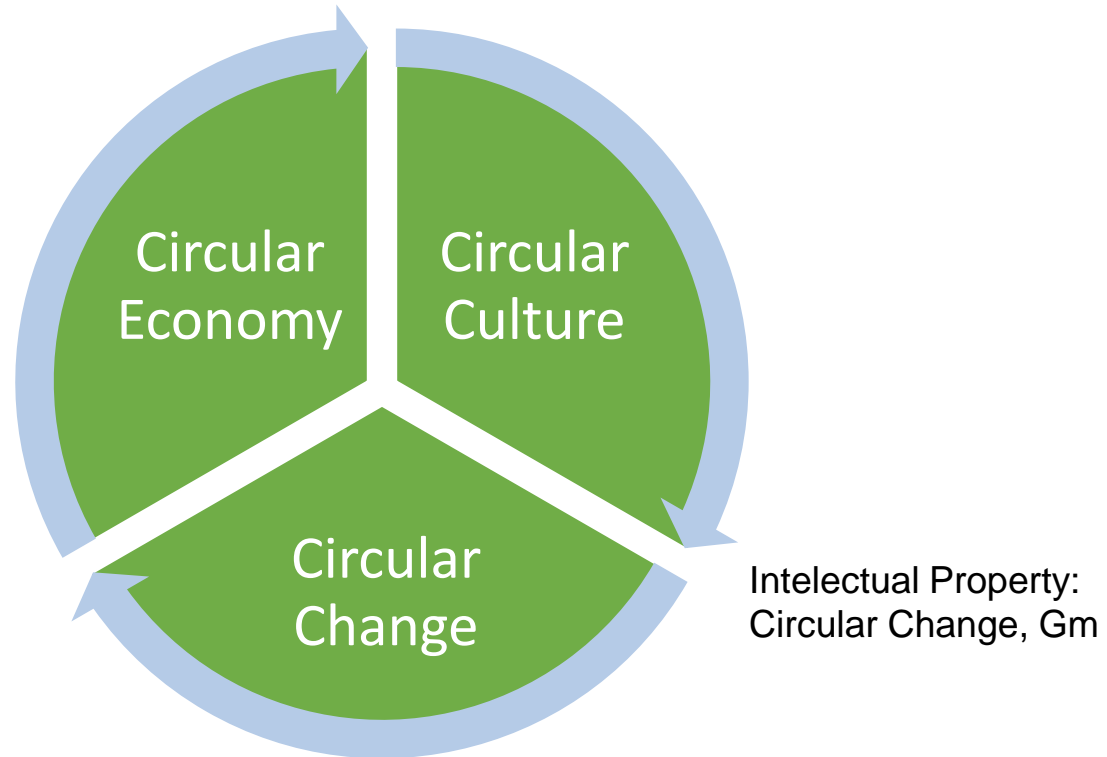
[www.vlada.si/zeleno](http://www.vlada.si/zeleno)

FB: partnerstvo za zeleno gospodarstvo

## SYSTEMIC APPROACH AT ALL LEVELS

- Getting all stakeholders on board: resource efficiency roundtable
- Programme for change: resource efficiency roadmap
- Integration with other policies : circular economy package
- Integration into economic governance model: preparing inputs for the semester process – sustainable economic policy, reorganisation of DG ENVI, regular point on the ENVI council agenda
- Actively contributing inputs for the global transformational agenda

# THE CHANGE OF PARADIGM



**Holistic approach** – the transition to the circular paradigm includes all elements – circular economy, circular culture and circular change. It is opening the question of new narrative.



# IMPACT

As humans we can actually leave something better than we found it.

Vabljeni, da se vključite:

[www.circularchange.com](http://www.circularchange.com)

[join@circularchange.com](mailto:join@circularchange.com)



**Circular Change**

[www.circularchange.com](http://www.circularchange.com)