

START-ED webex meeting, 23 November 2021

Intervention from Dr. Serguei Kouzmine

Circular economy- way forward for mankind?

We live in a linear economy—it moves in a straight line from resource extraction to waste disposal. In a circular economy, nothing is waste.

The circular economy is a different way of doing business that retains and recovers as much value as possible from resources by using six “R” approaches (see some approaches below) and thus eliminating waste and greenhouse gas emissions and tackling global challenges like climate change, biodiversity loss, waste, and pollution.

circular economy = max use of resources through:

REUSING

REPAIRING

REFURBISHING

REMANUFACTURING

REPURPOSING

RECYCLING (and all above on the basis of renewable energy)

Education on circular economy: example of programmes

Cambridge Judge Business School “circular economy and sustainability strategies”

duration: 6 weeks online (4-6 hours per week) Fee : USD 2000

EDX for business - e-learning platform (online courses; primarily free)

circular economy: an introduction

circular economy and ... fashion, engineering, recycling, bio-economy – total 22 courses

example:

Circular economy: an interdisciplinary approach / 6 weeks (16-24 hours per week) / ; online.

TU DELFT (Netherlands) online course (2019) “circular economy: an introduction “

example of a programme of the above course:

Episode 1: What is the Circular Economy?

Episode 2: Business Value in a Circular Economy

Episode 3: Longer Lasting Products

Episode 4: Remanufacturing

Episode 5: Waste equals Food

Episode 6: Thinking in Systems

Episode 7: Full Circle (+ final exam)