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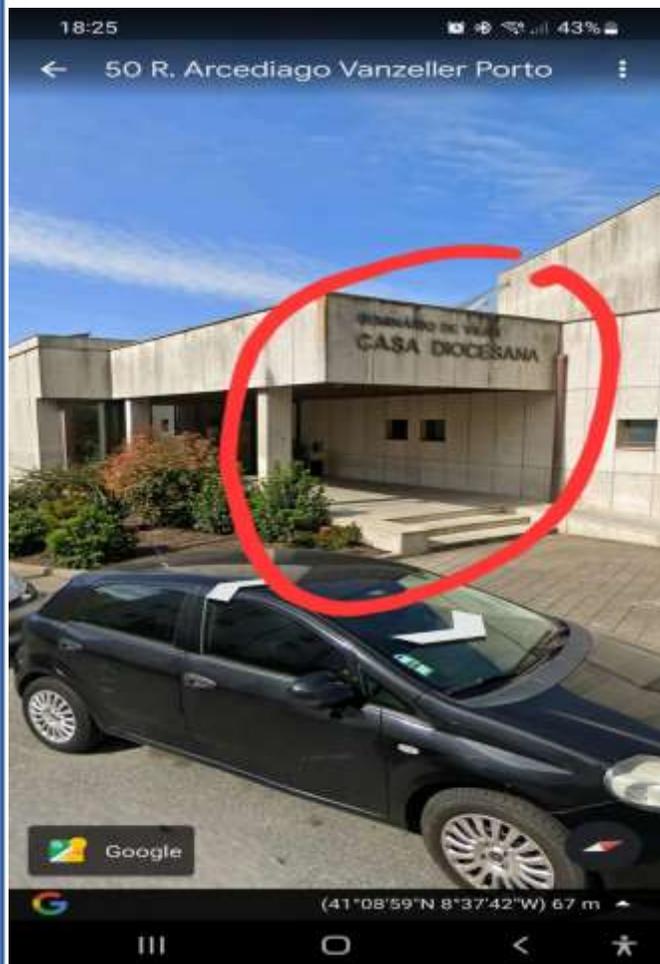


# *Erasmus+ project KA122-VET "Internationalization Students' and Teachers' Task Force"*

Euneos Course : Sustainability – Teaching Eco Skills – Porto  
Teacher : Valeria Orsenigo 25 September – 1 October 2022



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## THE COURSE

The course I attended took place in Porto, in a seminar building (right photo) called “Casa Diocesana” (left photo) near the centre of the city.

The methodology used was a participated and interactive one since I was involved in many work groups and games.





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# What are the megatrends

A megatrend is a **general direction of development** consisting of various phenomena and entailing widespread change.

They are often considered to occur at the global level and the development is often believed to continue in the same direction.





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# Megatrends

1. **Ecological reconstruction** is a matter of urgency
2. **Relational power** is strengthening
3. **The population** is ageing and becoming increasingly diverse
4. **The economy** is seeking direction
5. **Technology** is becoming embedded in everything



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## What these megatrends mean?

- The key factor influencing our future is the urgent need for ecological reconstruction: how do we respond to climate change, decreasing biodiversity, the dwindling availability of resources and waste-related problems? Other trends should be viewed against this backdrop. For example, decisions should be made quickly – but are they made through centralisation of power or inclusive decision-making.
- The second trend is the strengthening of relational power: power relations move from a multipolar world to a poly-nodal world. In a “poly-nodal” world power will be determined by relational influence and held not only by states but also by companies, regions and transnational organisations.
- The third trend is the ageing and diversification of the population: the population is not only ageing but also becoming more diversified in terms of backgrounds, opportunities and habits. The question is: is ecological reconstruction carried out fairly or in a manner that increases inequality?





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## What these megatrends mean?

- The fourth trend, the redefinition of the economy, is also linked to this: is the environment only to be regarded as a resource or should the economy aim to improve the state of the environment?
- Fifth, technology is embedded in everything: it is becoming a part of society and everyday life. For example, while technology offers new solutions for the production of energy it also simultaneously increases the demand for energy. This creates a conflict: to what extent does technology promote ecological reconstruction and to what extent does technology hinder it?



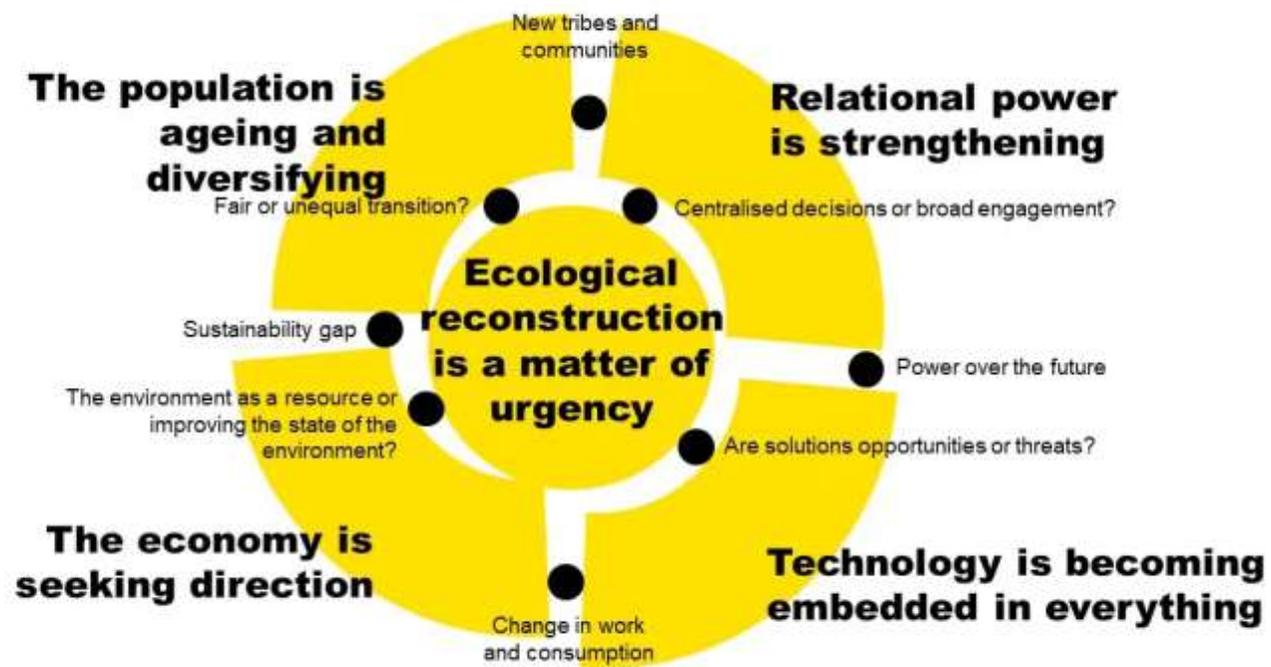


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# Megatrends

## SITRA'S MEGATRENDS 2020





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**Circular economy**  
**Best known answer to wicked questions**  
**Reduce, Reuse, Recycle**





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# From linear to circular economy

- We have had **overconsumption** in our planet for too long time. Linear economy must be changed to circular economy.
- In order to create a circular economy society, we need a new kind of expertise, co-operation between silos, development of the operating environment and a general change in attitudes and operating methods. Professionals, experts and decision-makers, both now and in the future, will play a decisive role in building a new future.
- **Education** plays an important role about the circular economy developing experts. When today's school pupils are ready to enter employment, the debate my will no one longer exist; the economy will be the only way of operating.
- Circular economy solutions are needed to safeguard biodiversity and solve the climate crisis.



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# Circular economy as part of all decision-making

- the circular economy should be integrated into all decision-making and strategies.
- the emphasis should be on circular interventions that effectively halt biodiversity loss and at the same time mitigate climate change.
- “The planetary boundaries are all deeply connected, but climate and biodiversity are core boundaries. They impact on all others,” says Johan Rockström, Director of the Potsdam Institute for Climate Impact Research



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## Suggestions for teachers:

<https://futureskills.pearson.com/>

<https://100jobsofthefuture.com/quiz/>

<https://www.nytimes.com/2021/11/27/business/dealbook/future-society-demographics.html>

<http://situationlab.org/project/the-thing-from-the-future/>

<http://situationlab.org/project/the-thing-from-the-future/>

<https://virtualexhibitions.aalto.fi/en/acoolerplanet2022>

<https://www.sitra.fi/en/publications/weak-signals-2022/>



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**Porto at sunset**