



1.10.2021 - 30.9.2025

**Green Deal Horizon 2020** 

Climate change mitigation and sustainability in education

## Competences!

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 10103650.

#### **GREEN COMP**



## **GREENCOMP**

 a reference framework for sustainability competences.

part of the policy actions by EU

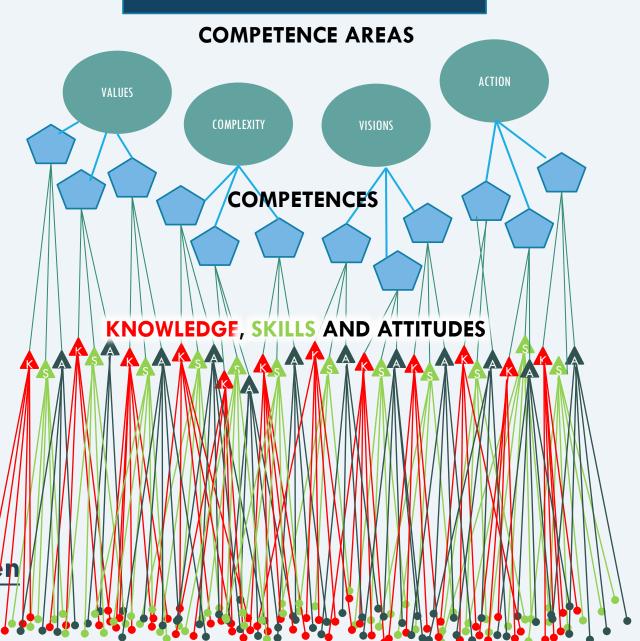
identifies a set of sustainability
 competences -knowledge, skills and
 attitudes

#### See the documents:

https://ec.europa.eu/jrc/en/greencomp

https://ec.europa.eu/jrc/en/greencomp/green

comp-conceptual-reference-model





**EMBODYING SUSTAINABILITY VALUES** 

**VALUING SUSTAINABILITY** 

SUPPORTING **FAIRNESS** 

**PROMOTING NATURE** 



**SYSTEMS** 

**CRITICAL THINKING** 

**EMBRACING COMPLEXITY** 

**PROBLEM FRAMING** 

GreenComp

**FUTURES LITERACY** 

**ADAPTABILITY** 

ENVISIONING **SUSTAINABLE FUTURES** 

**EXPLORATORY THINKING** 

**INDIVIDUAL INITIATIVES** 

COLLECTIVE **ACTION** 

**POLITICAL AGENCY** 



**ACTING FOR SUSTAINABILITY** 





#### SPAIN PORTUGAL ROMANIA FINLAND

ONLINE AND FACE-TO-FACE WORKSHOPS AND OTHER EVENTS

**TEACHERS** 

VARIOUS
STAKEHOLDERS:
EXPERTS
ADMINISTRATION
RESEARCHERS

PRINCIPALS AND ADMINISTRATION

UNDERREPRESENTED COMMUNITIES

OPERATIONAL ENVIRONMENT

DEMONSTRATION SITES

#### **INTERNATIONAL**

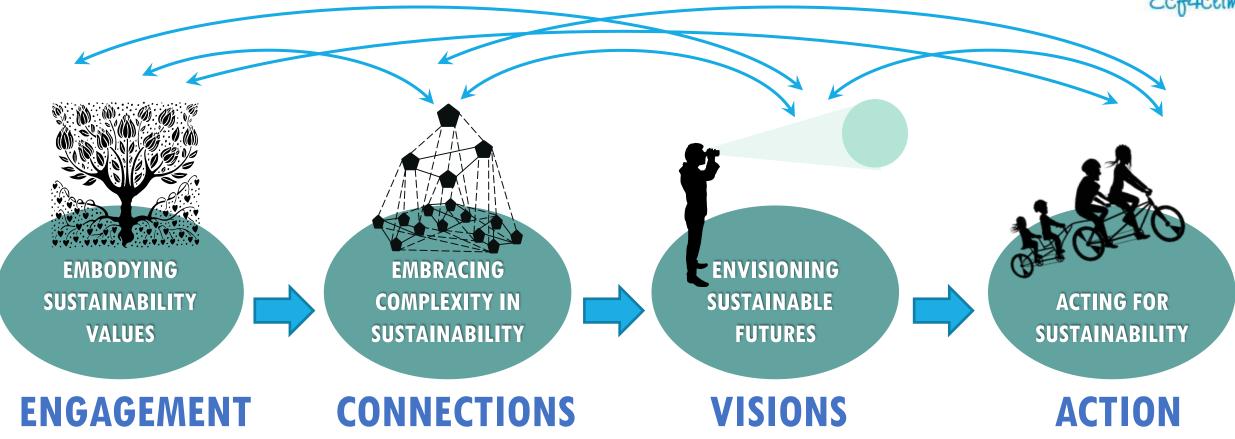
WEEC 2022 WORKSHOP

EU GREEN WEEK EVENT eDELPHI
ONLINE
STAKEHOLDER
DISCUSSION

# CREATING THE ROADMAP FOR SUSTAINABILITY IN EDUCATION

**ECF4CLIM-PROJECT** WEARE HERE COUNTY ON COUNTY OF COUNTY



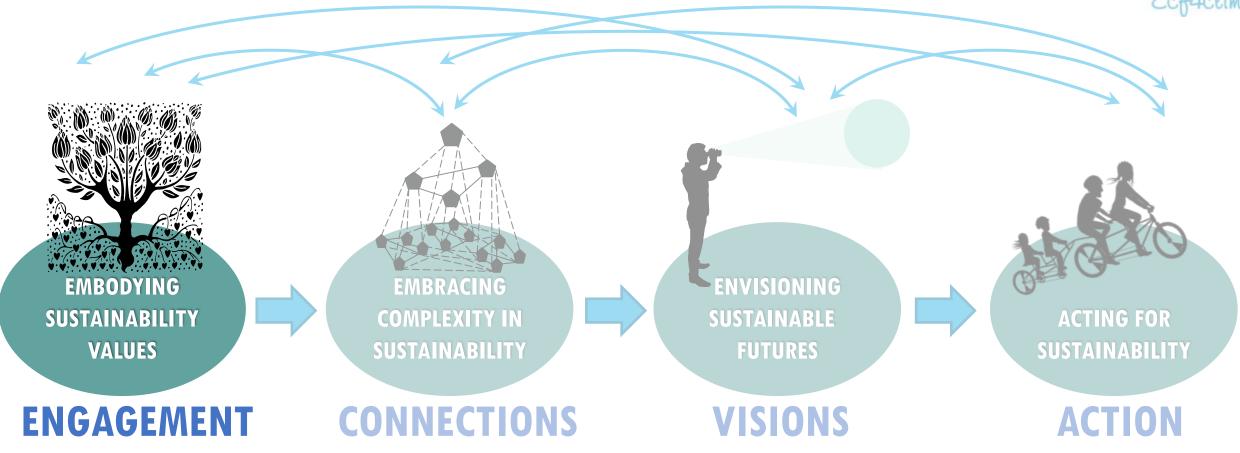


How to engage people?

How to frame the problem?

What are the possible futures in our context?





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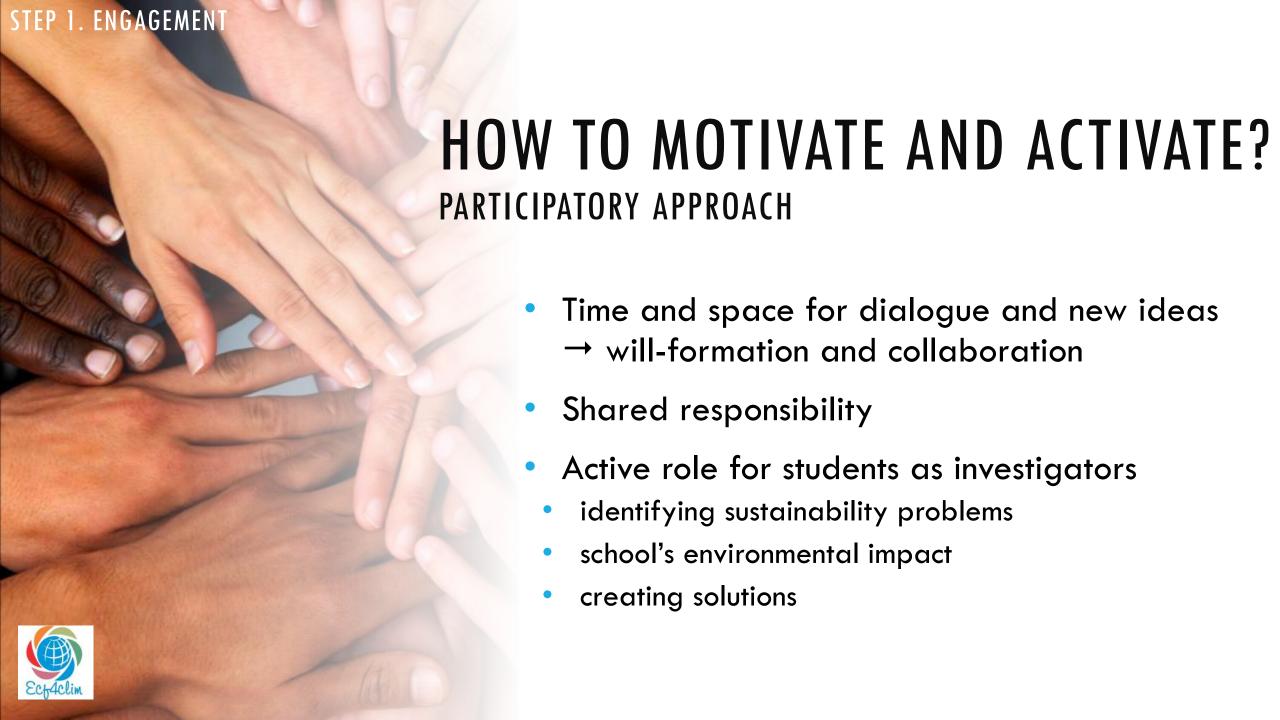
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ENGAGEMENT

# How to engage people?

How to get on the same page?







# WHY WE MUST ACT?

SUSTAINABILITY KNOWLEDGE

- Understanding the relevance and importance of sustainability
- Planetary boundaries: human well-being is dependent on healthy ecosystems

Awareness raising campaigns, excursions - > shared experiences

Integrating sustainability in teaching all subjects, linking sustainability

Examples of one's own institution



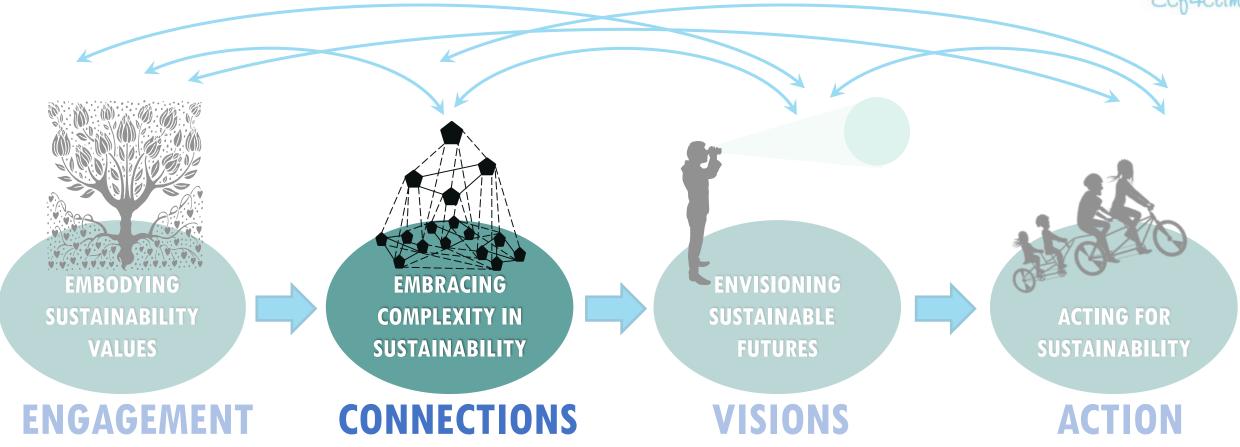
# RESPECTING DIFFERENT PERSPECTIVES

#### INCLUSIVE VALUE REFLECTION AND DIALOGUE

- People need to experience themselves as accepted and welcomed to collaborate.
- Together we are wiser!
- Dialogue and inclusive decision-making on different levels
- Use creative and interactive methods to practice value reflection and dialogue, e.g. drama games and roleplays



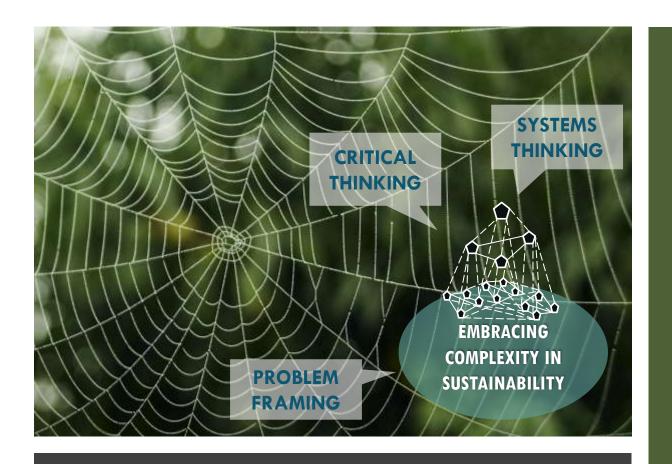




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# How to frame the problem?

CONNECTIONS





# WHY DO WE THINK AS WE THINK?

#### UNDERLYING ASSUMPTIONS

- In our school/ university, what are the unchallenged conventions in connection to sustainability?
- Tools for challenging unsustainable conventions
  - Discussions on controversial issues, like eating meat or buying fast fashion (role play)
  - Critical consumerism, making "spoof ads" and memes
  - Studying history and different cultures widens our view

# FOOTPRINT AND HANDPRINT OF SCHOOL

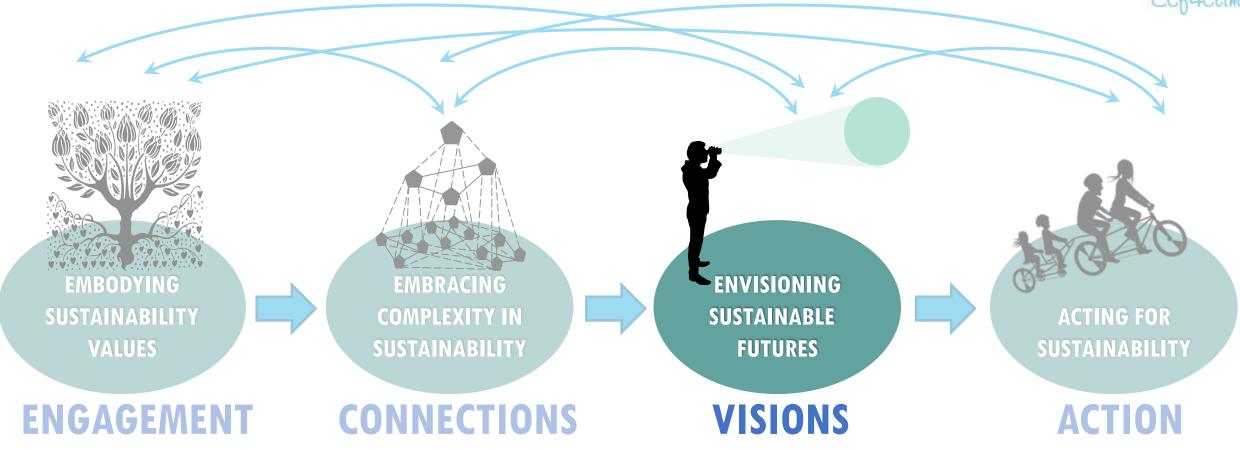
CURRENT STATE OF PRACTICE

- Footprint: practices that generate negative impact to environment
- Handprint: positive activities, like teaching and learning about sustainability
- Mapping the most acute and significant issues, cooperation with stakeholders
- Students as researchers
- Measuring use of energy, water, and material consumption,

recycling practices, scrutinizing the contents of teaching



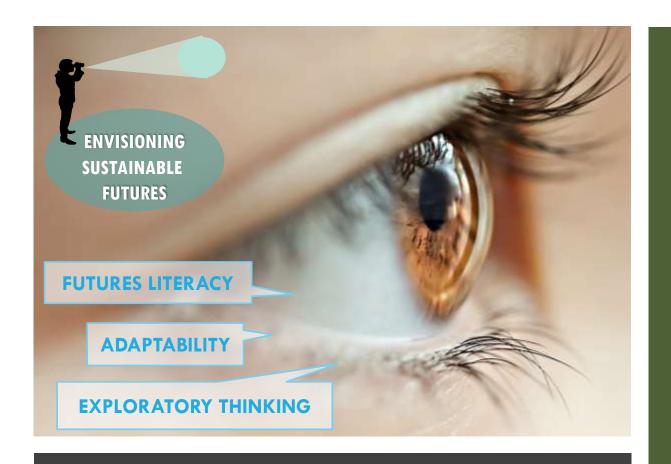




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VISIONS

# What are the possible futures in our context?





# MAKING A CHANGE IS NOT EASY!

EMOTIONAL, COGNITIVE AND BEHAVIORAL ADAPTABILITY

- What are the barriers and what helps us to adapt in changes?
- Space for expressing concerns, comparing alternative solutions and outcomes, interventions
- Consider different stakeholders emotions, attitudes, behaviour, and structures that are needed for change
- Strengthening collective hope



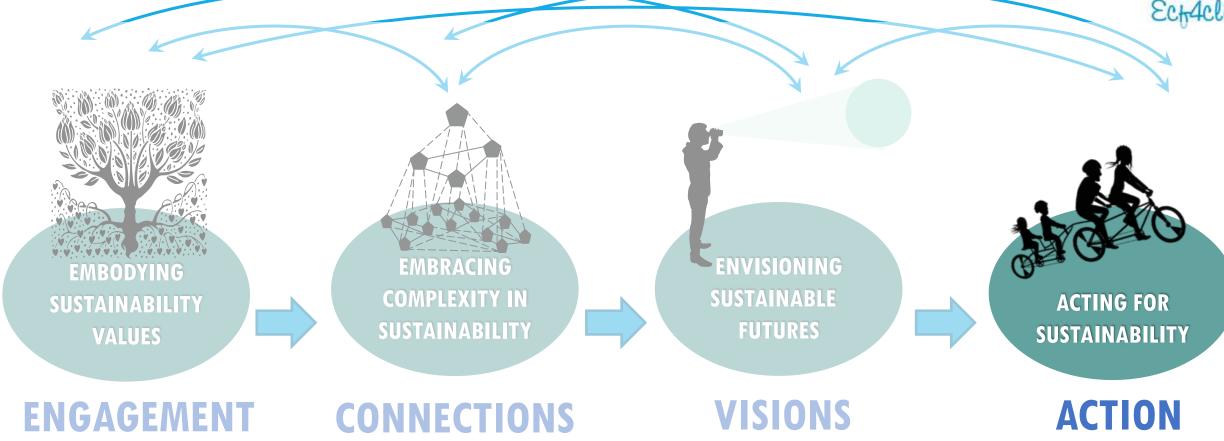


# THINKING OUTSIDE THE BOX!

EXPLORATION THROUGH CREATIVE AND RELATIONAL KNOWING

- Complex problems demand creative solutions
- Apply different ways of knowing (cognitive, critical, creative, and intuitive)
- Addressing real-life issues
- Cross-curricular, transdisciplinary knowing
- Inquiry-based and phenomenon-based learning





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# ACTION



## PLACES FOR SUSTAINABLE ACTIVITY

#### STRUCTURES FOR CHANGE

- Embedding sustainable practices in everyday life
- Permanent structures for development (teams, timetable, administration, persons in charge of sustainability)
- Defining authority and responsibilities leaders' crucial role
- Learning to make change -> exercises for students



# WELL PLANNED IS HALF DONE

#### **ACTION PLAN**

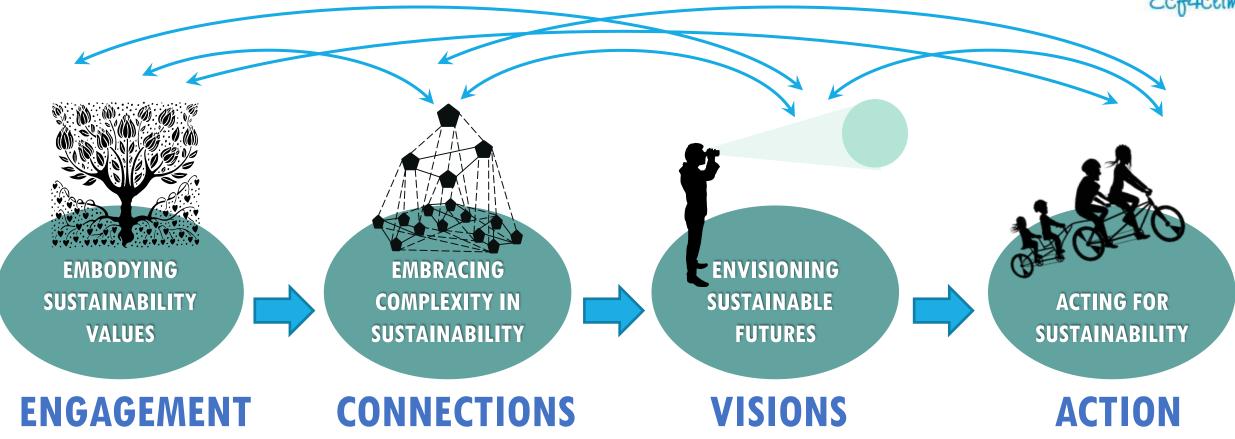
- Strategy and goals enable progressing proactively in the long term
- Skills, knowledge, and attitudes evolve during the planning work
- All previous steps, viewpoints and stakeholders should be included
- Concrete participatory action: Who does what with whom, when, and with which resources

# MONEY, TIME AND WELLBEING ENABLE ACTIVITY

**RESOURCES** 

- To change, the school or university needs:
  - money for procurement or salaries,
  - time for planning and action,
  - pedagogical tools and models.
- Prioritizing and reallocating existing resources, extra resources through projects
- Personal and organizational learning as a resource





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## PROMOTING SUSTAINABILITY IN EDUCATION

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