



Case studies for GreenComp

Presentation of a study by Technopolis Group and 3s

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Agenda

- Scope and objectives of the study
- Methodology: Primary & secondary data collection
- Mapping Analysis: The use of GreenComp
- Case Study Analysis

Scope and objectives of the study

- ↗ Explore **how and why GreenComp is being used** and helps advance sustainability competence development in different settings and levels of education
- ↗ Main topics of enquiry
 - ↗ **Motivations** for using GreenComp and other alternative sustainability competence frameworks
 - ↗ The **process** of using GreenComp
 - ↗ Initial and expected **results**
 - ↗ **Next steps** in using GreenComp
 - ↗ **Transferability** of the approach





Showcase 12 case study examples

Seek lessons learnt and recommendations







Methodology: Primary & secondary data collection

Desk-based research

-  Review any available documentation & information on the use of GreenComp
-  Identify additional national, regional and international initiatives
-  Review literature & seek information on other competence frameworks
-  Collect detailed information on the selected projects / initiatives

Stakeholder consultations

-  Scoping interviews (e.g. with staff from JRC, DG EAC, academics)
-  Online survey to seek additional information on the use of GreenComp
-  Participation in the GreenComp CoP Café conversations
-  Interviews with a wide range of stakeholders as part of the case study research



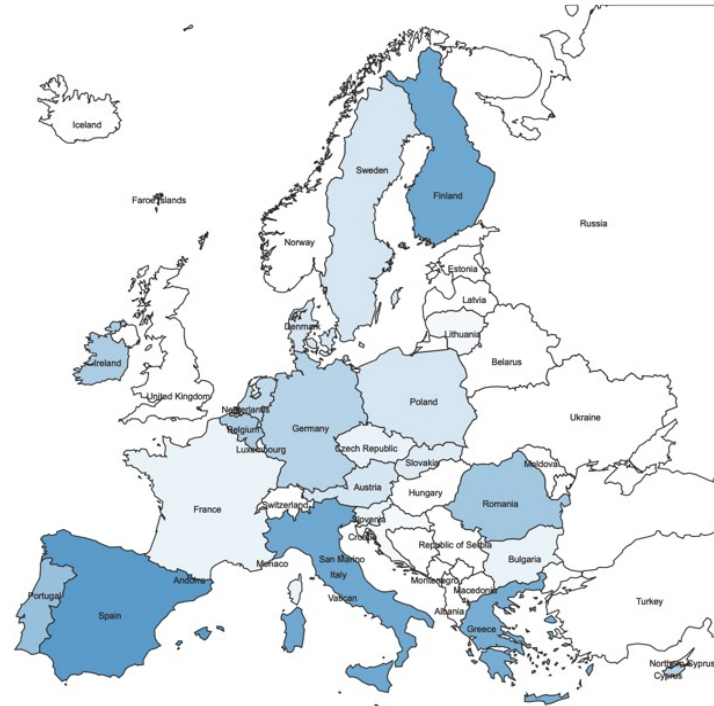
Type of initiative	Examples of activities implemented	Sources of funding
Individual – bottom-up initiatives	<ul style="list-style-type: none"> • Preparation of a webinar or other awareness raising tools • PhD thesis focusing on GreenComp and sustainability competences • Teaching / training material development 	<ul style="list-style-type: none"> • National / regional funding
Institutional approaches	<ul style="list-style-type: none"> • Teaching / training material development • Development of assessment tools • Research activities 	<ul style="list-style-type: none"> • Private funding • Institutional funding
International projects and initiatives	<ul style="list-style-type: none"> • Collection and dissemination of good practice examples • Inclusion of sustainability competences in qualification frameworks • Development of (online) assessment tools • Development of training programmes, handbooks and learning materials • Teacher training activities • Update of curricula, enhancement of institutional sustainability practices • Establishment of networks, community of practice • Online and in-person training activities • Competence framework development 	<ul style="list-style-type: none"> • International associations • Erasmus+ • Horizon 2020 and Horizon Europe • Other
Strategic, national level initiatives	<ul style="list-style-type: none"> • Teacher training activities • Update of curricula 	<ul style="list-style-type: none"> • National funding



Levels of education

- Early childhood education and care: 3 initiatives
- School education (primary and secondary): 23 initiatives
- Vocational education and training: 7 initiatives
- Higher education: 13 initiatives
- Adult learning: 10 initiatives

Geographical overview





- ↗ Case study selection criteria
 - ↗ Level and type of education
 - ↗ Type of organisation / initiative
 - ↗ Geographical location of the organisation / initiative
 - ↗ Existence of supporting framework conditions
 - ↗ Time and frequency of use of GreenComp

- ↗ Ten single organisation case studies
 - ↗ DEED (Erasmus+)
 - ↗ TAP-TS (Erasmus+ Teacher Academy)
 - ↗ GreenComp Enterprises (Erasmus+)
 - ↗ EntreComp4Transition
 - ↗ Engineers4Europe (Erasmus+)
 - ↗ TASK™
 - ↗ Open Universiteit
 - ↗ Greening the English classroom
 - ↗ GreenSCENT (Horizon2020)
 - ↗ ESDin the European School System
- ↗ Two comparative case studies
 - ↗ Embedding GreenComp in national strategies and teacher training activities (FR, FI)
 - ↗ NBS EduWorld and Classroom for life




















Types of activities and modes of implementation of using GreenComp

- Case studies showcase a **large variety of approaches** and highlight other key sources of inspiration to advance sustainability competence development
- A. Projects **combine various competence frameworks** (e.g. DigComp, LifeComp, EntreComp) for a holistic approach reaching beyond sustainability competences
- B. Projects broaden the competences included in GreenComp by exploring **additional sustainability focused competences**
- C. Projects showcase a variety of the **extent to which GreenComp competences have been embedded** in the projects
- D. Different extent to which the GreenComp competence areas / competences are **included and recognised in the outputs**



Types of outputs & education levels

Types of activities	School Ed	VET	Higher Ed	Adult learning
Collection and dissemination of good practice examples				
Inclusion of sustainability competences in qualification frameworks, creation of badges				
Development of (online) assessment tools				
Development of training programmes, handbooks and learning materials				
Teacher training activities				
Update of curricula				
Establishment of networks, community of practice				
Delivery of online and in-person training activities				
Competence framework development				







Common enabling factors & challenges

- GreenComp provides a **common language**, a **collective understanding** and an **overall reference point** for sustainability competences
- GreenComp understood as a **versatile, adaptable** instrument and an **open, intuitive** tool
- Importance of the **expertise and mindset** of the involved team and experts
- Challenge of **translating and applying** GreenComp to **diverse educational levels** & to **different national, regional and institutional contexts**
- **Resource intensity** in terms of time requirements and time take for understanding and applying GreenComp



Recommendations for future developments and adaptation of the GreenComp framework

-  #1: Support the translation of GreenComp into (practical) application
-  #2: Enhance Dissemination Efforts
-  #3: Support the (further) uptake through use cases, good practices, and the Communities of Practice
-  #4: Maintain the 'Living Document Nature'



Thank you for your attention!

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