



# Propose policy measures and recommendations needed for the promotion of Education for Environmental Citizenship (EEC)

**Action Chair**  
**Dr Andreas Hadjichambis**  
CYCERE, Cyprus

**7th European Joint Meeting**  
**ONLINE MEETING**  
**21-22 October 2021**



**European Network for  
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Cost Action CA16229



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## 21<sup>st</sup> of October 2021



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# CONTENT

- *A. Welcome*
- *B. Our Consortium – New additions*
- *C. ENEC Organisational Structure and Objectives*
- *D. Work Progress*
- *E. Next Meetings – Cost Networking Tools (2<sup>nd</sup> day)*



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# Management Committee Meeting

Coord. Dr Andreas HADJICHAMBIS

13:00-13:10



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# Invited Speakers:

## Research Workshop 1:

Dr Ariel SARID & Prof Daphne GOLDMAN, Beit Berl College, Israel

## Research Workshop 2:

Dr Teresa MONTE & Prof Pedro REIS, Vice Chair, Universidade de Lisboa, Lisboa, Portugal

## Research Workshop 3:

Dr Audronė TELEŠIENĖ, Dr Jelle BOEVE-DE PAUW, Prof Daphne GOLDMAN and Dr Ralph HANSMANN, ENEC



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# A. WELCOME

**Coordinated by:**

**Action Chair**

**Dr Andreas Hadjichambis, CYCERE, Cyprus**

**Management Committee Meeting Minutes:**

**Recording**

## PROPOSE POLICY MEASURES AND RECOMMENDATIONS NEEDED FOR THE PROMOTION OF EDUCATION FOR ENVIRONMENTAL CITIZENSHIP (EEC)



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# B. OUR CONSORTIUM

Coordinated by:

**Action Chair**

**Dr Andreas Hadjichambis, CYCERE, Cyprus**

- Kick of Meeting in Brussels, 27 Oct 2017
- 1<sup>st</sup> European Joint Meeting in Cyprus, 28 Feb-1 Mar 2018
- 2<sup>nd</sup> European Joint Meeting in Portugal, 25-26 Oct 2018
- 3<sup>rd</sup> European Joint Meeting in Norway, 5-6 June 2019
- 4<sup>th</sup> European Joint Meeting in Malaga, 7-8 November 2019
- iREEC 2019, Malaga, 7-8 November 2019
- 5<sup>th</sup> Virtual European Joint Meeting, 22-23 October 2020
- 6<sup>th</sup> Virtual European Joint Meeting, 09-11 March 2021
- Current 7<sup>th</sup> Virtual Meeting, 21-22 October 2021



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# Kick of Meeting in Brussels



❑ 40 MC Members

❑ 26 Countries

<http://enec-cost.eu/events/kick-off-meeting-brussels/?preview=true>



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# 1<sup>st</sup> European Joint Meeting

## Lemesos, Cyprus, 28 Feb-2 Mar 2018



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# Our Consortium in the 1<sup>st</sup> EJM in Cyprus

ENEC Countries



- 32 Countries
  - 30 European Countries
  - Israel (Cooperative Country)
  - USA (IPC)
- 54 MC Members
- 39 MC Substitutes
- 1 MC Observer (USA)

## New Countries:

- Austria
- Montenegro
- Slovakia
- France
- USA (IPC)



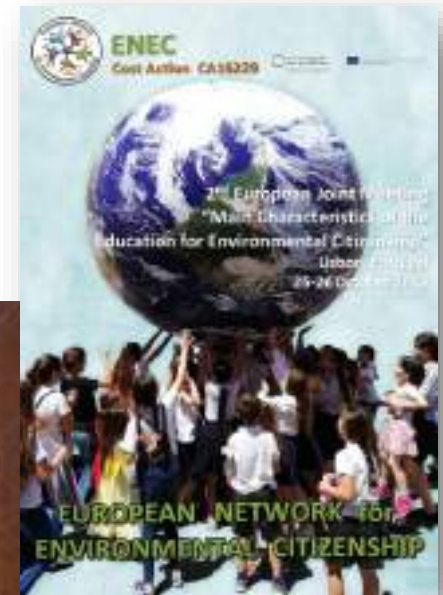
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# 2<sup>nd</sup> European Joint Meeting Lisbon, Portugal, 25 - 26 October 2018

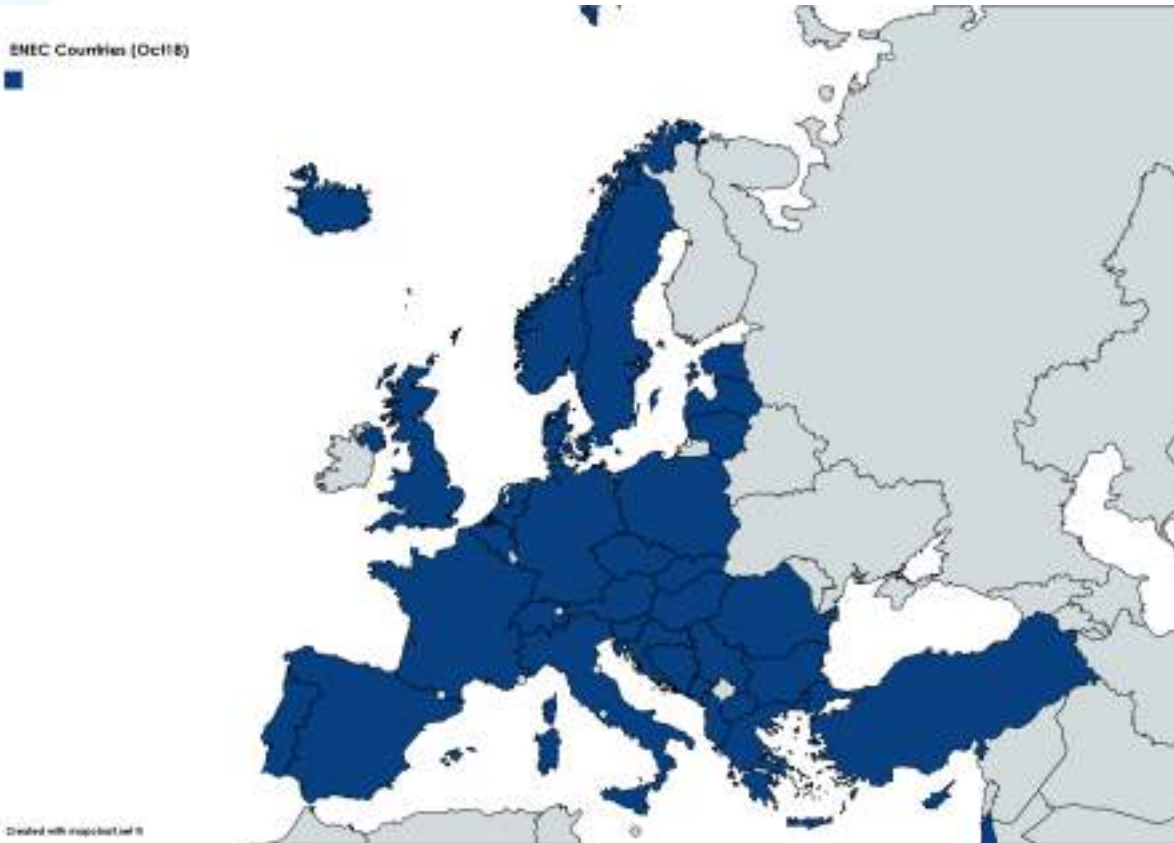


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# Our Consortium in 2<sup>nd</sup> EJM Portugal



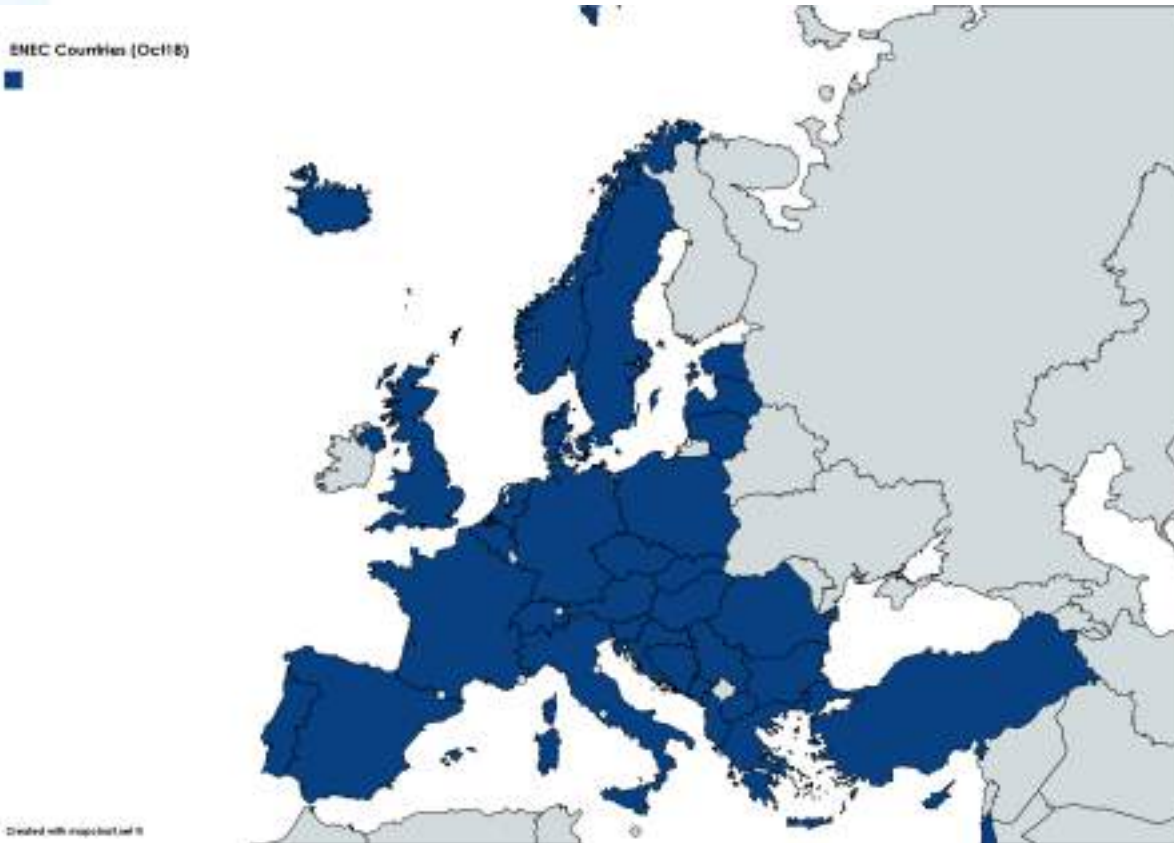
- 37 Countries (5 new)
  - 34 European Countries
  - Israel (Cooperative Country)
  - USA (IPC)
  - AUSTRALIA (IPC)
- 65 MC Members (10 new)
- 50 MC Substitutes (11 new)
- 2 MC Observer (USA, AUSTRALIA)



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# Our Consortium in 3<sup>rd</sup> EJM Norway



- 37 Countries
  - 34 European Countries
  - Israel (Cooperative Country)
  - USA (IPC)
  - AUSTRALIA (IPC)
- 66 MC Members (1 new)
- 56 MC Substitutes (6 new)
- 2 MC Observer (USA, AUSTRALIA)

**In total 122 MC Members and Substitutes**



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# 3<sup>rd</sup> EJM Stavanger, Norway, 5-6 June 2019



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# iREEC 2019

## International Researchers of the Education for Environmental Citizenship

**Action Chair**

**Dr Andreas Hadjichambis, CYCERE, Cyprus**

**4<sup>th</sup> European Joint Meeting**

**Malaga, Spain**

**7-8 November 2019**



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# 4<sup>th</sup> EJM Malaga, Spain, 7-8 November 2019

iREEC2019 Malaga & Anteguera, Spain, 7-8 November 2019



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# 5<sup>th</sup> Virtual European Joint Meeting, 22-23 October 2020

## Best educational practices of Education for Environmental Citizenship (EEC)



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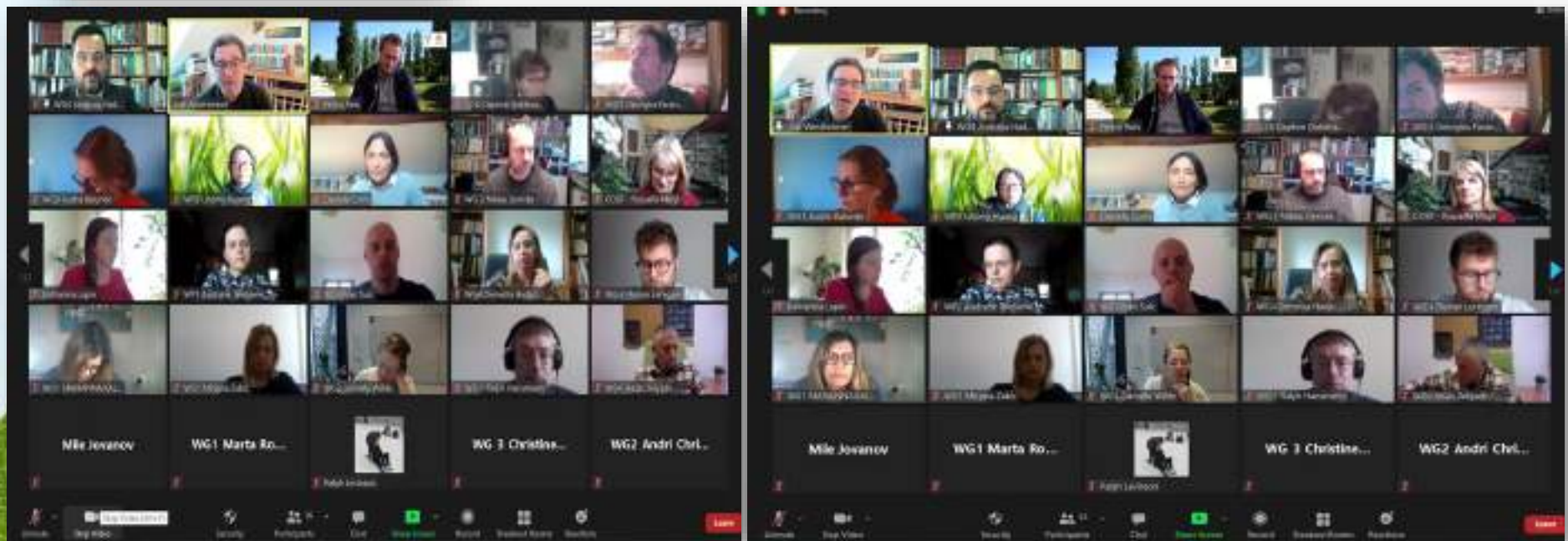
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# 6<sup>th</sup> Virtual European Joint Meeting, 01-03 March 2021



## Teacher Professional Development Practices Leading to Education for Environmental Citizenship (EEC)



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# Our Consortium in 4<sup>th</sup> EJM, Malaga, Spain

New Country: Moldova  
23/07/2019

EMEC Countries (Oct18)



- 38 Countries
  - 35 European Countries
  - Israel (Cooperative Country)
  - USA (IPC)
  - AUSTRALIA (IPC)
- 66 MC Members (1 new)
- 56 MC Substitutes (6 new)
- 2 MC Observer (USA, AUSTRALIA)

**In total 122 MC Members and Substitutes**



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# ENEC in 5<sup>th</sup> EJM, ONLINE MEETING

New Country: FINLAND  
24/06/2020

- **39 Countries**
  - 36 European Countries
  - Israel (Cooperative Country)
  - USA (IPC)
  - AUSTRALIA (IPC)
- 72 MC Members (6 new)
- 61 MC Substitutes (5 new)
- 2 MC Observer (USA, AUSTRALIA)

**In total 134 MC  
Members, Substitutes  
and Observers**



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# C. ENEC ORGANISATIONAL STRUCTURE & OBJECTIVES

Coordinated by:

Action Chair

Dr Andreas Hadjichambis, CYCERE, Cyprus

- Role and Structure of ENEC Committees and Boards
- Role and Structure of ENEC Working Groups
- Work Flow of ENEC



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# Objectives



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Research  
Coordination  
Objectives  
(RCO)

4

Capacity-building  
objectives  
(CBO)



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# RESEARCH COORDINATION OBJECTIVES

- Initiate **collaborations** and expand previously established collaborations on Environmental Citizenship across Europe. (RCO1)
- Development of common understanding/definition of Environmental Citizenship by **conceptualizing and framing Environmental Citizenship**. (RCO2)
  - Development of **new research paradigms and metrics** for assessing Environmental Citizenship. (RCO3)
    - Identify **research gaps and future research needs, priorities and perspectives** in Environmental Citizenship which require European/ international coordination and transnational collaborations. (RCO4)
  - **Propose policy measures and recommendations** needed for the promotion of Environmental Citizenship. (RCO5)



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# Indices to measure the achievement of the Research Coordination Objectives

- The number of partners and professional diversity will indicate the achievement of the RCO1.
- The number of publications, reports and policy documents related to the concept and dimensions of Environmental Citizenship will measure the achievement of the RCO2.
- The number of publications, reports and policy documents related to the assessment of Environmental Citizenship will measure the achievement of the RCO3.
- The number of reviewed publications, reports and policy documents related to research needs, gaps and priorities in the field will measure the achievement of the RCO4.
- The number of dissemination documents regarding the policy measures and recommendations will serve as a measure of the achievement of the RCO5.

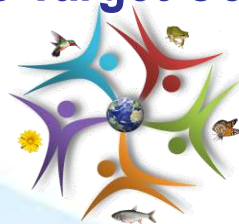


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# CAPACITY-BUILDING OBJECTIVES

- **Bridging separate fields of science** to achieve breakthroughs in Environmental Citizenship that require multi-national and multi-disciplinary research. (CBO1)
- **Fostering knowledge exchange on different macro- and micro- level dimensions of formal and non-formal education** that could lead to Environmental Citizenship. (CBO2)
  - Acting as a **stakeholder platform** for knowledge exchange and mapping expertise and also developing a depository database of scientific measures and evidence based interventions that target Environmental Citizenship. (CBO3)
- Involving specific target groups such as **Early Career Investigators (ECI)** and research teams from **COST Inclusiveness Target Country (ITC)**. (CBO4)



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# Indices to measure the achievement of the Capacity-Building Objectives

- The number of multi-national and multi-disciplinary partners will indicate the achievement of the CBO1.
- The number of publications, reports and policy documents which referred to formal and non-formal dimensions leading to Environmental Citizenship will measure the achievement of the CBO2.
- The number of platform users database entries and best educational practices are a measure of the achievement of the objective CBO3.
- The number of Early Career Investigators (ECI) and the number of research teams from COST Inclusiveness Target Country (ITC) which will participate in the Action are a measure of the achievement of the CBO4.



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# D. WORK PROGRESS

Coordinated by:

Action Chair

Dr Andreas Hadjichambis, CYCERE, Cyprus

- Deliverables
- Dissemination Tools



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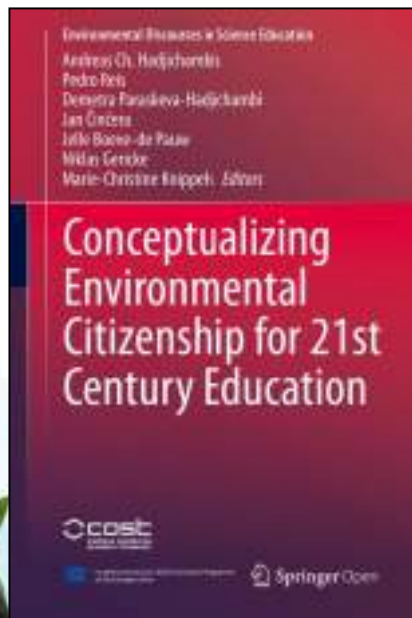
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# ENEC BOOK: Conceptualizing Environmental Citizenship for 21<sup>st</sup> Century Education

## GOOD NEWS !



- **155,000 downloads!** Thanks!
- Our Springer book on Education for Environmental Citizenship has reached 155,000 downloads and it is the first in downloads book in its category worldwide.
- We truly thank all the editors and all the authors.
- <https://link.springer.com/book/10.1007/978-3-030-20249-1>
- Posted to several stakeholders in Europe.



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# Science Cafés (DI.18) organized 11 instead of 2 in at least two different countries

## 1<sup>st</sup> European Science Café of ENEC Cost Action

- **Event:** 1<sup>st</sup> European Science Café of ENEC Cost Action:
- **Title:** The importance of Environmental Citizenship
- **Location:** Lemesos, Cyprus
- **Date:** Saturday, **28<sup>th</sup> of April 2018**, at 18.00 a.m.
- **Objective:** Discussion about the “The importance of Environmental Citizenship”, during which it was held the opening of the photo exhibition and the awards ceremony of the photo contest “*Cyprus: Natural Landscapes, Land and Sea*” proclaimed by CY.C.E.R.E. and CPS (Lemesos Branch).
- **Organised:** Dr Andreas HADJICHAMBIS and Dr Demetra HADJICHAMBI
- **Speaker:** Dr Andreas Hadjichambis, Chair of ENEC



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# 2<sup>nd</sup> European Science Café of ENEC Cost Action

- Event: 2<sup>nd</sup> European Science Café of ENEC Cost Action
- Title: The importance of Environmental Citizenship
- Location: Evora, Portugal
- Date: 30<sup>th</sup> of May 2018
- Organized: **Prof Soumodip SARKAR**, Universidade de Évora



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# 3<sup>rd</sup> European Science Café of ENEC Cost Action

- Event: 3<sup>rd</sup> European Science Café of ENEC Cost Action
- Title: Environmental Citizenship in Focus
- Location: Vienna, Austria, Institute for Environment, Peace and Development (IUFE)
- Date: 20<sup>th</sup> of June 2018
- Organized: **Dr Katharina LAPIN & Florian LEREGGER**



# 4<sup>th</sup> European Science Café of ENEC Cost Action

- Event: 4<sup>th</sup> European Science Café of ENEC Cost Action
- Title: Education for Environmental Citizenship
- Location: University of Banja Luka, Banja Luka in Bosnia and Herzegovina.
- Date: Thursday, 6th of December 2018, at 12:00-14:30
- Organized: **Prof Mirjana ZABIC**, University of Banja Luka



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# 5<sup>th</sup> European Science Café of ENEC Cost Action

- Event: 5<sup>th</sup> European Science Café of ENEC Cost Action
- Location: Budapest, Hungary
- Date: 26<sup>th</sup> of March 2019
- Title: Environmental Citizenship and transition movement
- Organized: **Dr Adrienne CSIZMADY**, Hungarian Academy of Sciences, Centre for Social Sciences



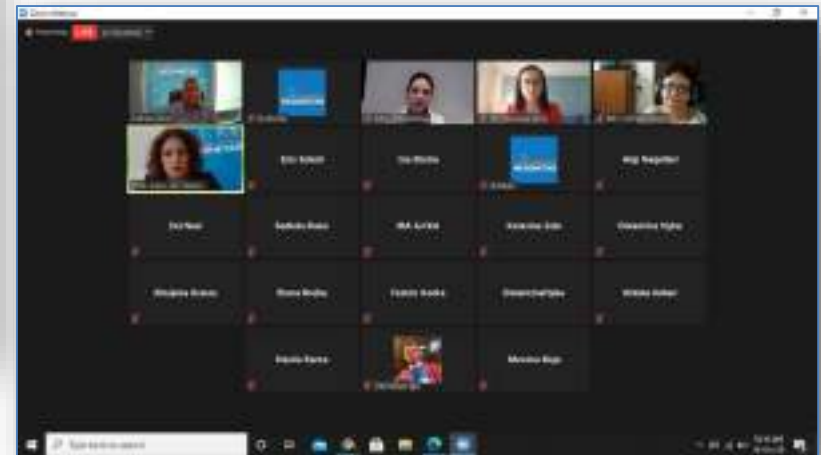
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## Venue: Tirana, Albania

Hosted by: Center for Comparative Studies & Mediterranean University of Albania

The screenshot shows a Zoom meeting window. At the top, there's a title bar with 'Zoom' and a status bar with 'Meeting: ...' and a red 'Mute' button. The main area is a grid of participants. The top row has five video feeds. Below them are several placeholder tiles with names. The names visible are: Ipek Erturk, Aliya Inaytulla, Gül Nisan, Zeynep Şahin, MELİCE, Kutayhan Dede, Eminehan Ayhan, Büşrahan Kocaoğlu, Berna Şahin, Feride Ertürk, Dilekhan Ayhan, Özge Ertürk, Nesrin Kaya, and Gülşahhan Ayhan. The bottom of the window shows a 'Zoom' logo and a 'Join from your mobile app' button.



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# 7<sup>th</sup> European Science Café of ENEC Cost Action

- Event: 6<sup>th</sup> European Science Café of ENEC Cost Action
- Location: Jaen, Spain (Online event)
- Date: 6<sup>th</sup> of May 2021
- Title: Education for Environmental Citizenship
- Organized: **Dr Marta ROMERO ARIZA** and **Dr Gema PARRA**



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# 8<sup>th</sup> European Science Café of ENEC Cost Action

- Event: 7<sup>th</sup> European Science Café of ENEC Cost Action
- Title: Education, Territories and Environments at the Anthropocene Era
- Location: Corte, Corsica, France
- Date: 24<sup>th</sup> of September 2021
- Organized: **Prof Bruno GARNIER** and **Prof Angela BARTHES**



# 9<sup>th</sup> European Science Café of ENEC Cost Action

- Event: 8<sup>th</sup> European Science Café of ENEC Cost Action
- Title: Economic Dimensions of Environmental Citizenship
- Location: Svolen, Slovakia
- Date: 24<sup>th</sup> of September 2021
- Organized: **Dr. Vladislav KAPUTA** and **Dr. Hubert PALUŠ**



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# 10<sup>th</sup> European Science Café of ENEC Cost Action

- Event: 9<sup>th</sup> European Science Café of ENEC Cost Action
- Title: Environmental Citizenship
- Location: Instabul, Turkey
- Date: 16<sup>th</sup> of October 2021
- Organized: **Mr Erkan CERMİK and Dr. Hasan Volkan ORAL**



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# 11<sup>th</sup> European Science Café of ENEC Cost Action

- Event: 10<sup>th</sup> European Science Café of ENEC Cost Action
- Title: Environmental Citizenship
- Location: Belgrade, Serbia
- Date: 17<sup>th</sup> of October 2021
- Organized: **Dr Mirjana LENHARDT** and **Dr. Dr Vesela RADOVIC**



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# Researchers are referring to ENEC's work.

University of Oslo - Oslo School of Environmental Humanities:

- “Thunberg exposes the gap between intention and practice on the part of politicians. Thus her critical analysis a good example of the fact that the Scandinavian education system has succeeded with what school researchers call **Education for Environmental Citizenship.**” ...

- <https://www.miragenews.com/climate-change-impacts-nordic.../>



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# Researchers are referring to Environmental Citizenship increase

University of Oulu, Geography Research Unit, Finland,  
Marika Kettunen (2020)

- Recent years have seen a critical shift in young people's political participation, as young people around the world have mobilized to demand greater climate action.
- In spring 2019 witnessed a major turning point in young people's political participation and **active environmental citizenship** as youth-led climate strikes took place all over the globe, and in Finland as well.

<https://nordia.journal.fi/article/download/98115/59133>

Kettunen, M. (2020). "We need to make our voices heard": Claiming space for young people's everyday environmental politics in northern Finland. *Nordia Geographical Publications*, 49(5), 32-48.



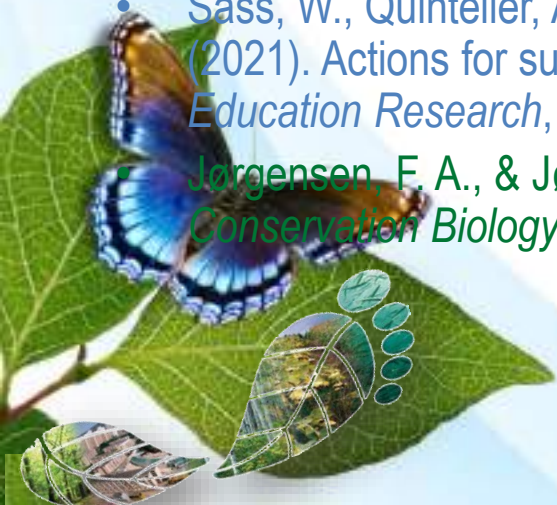
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# Other examples citing ENEC:

- Determinants of Different Types of Positive Environmental Behaviors: An Analysis of Public and Private Sphere Actions Ralph Hansmann, Claudia R Binder Sustainability 12 (20), 8547, 2020 <https://www.mdpi.com/2071-1050/12/20/8547>
- Kettunen, M. (2020). "We need to make our voices heard": Claiming space for young people's everyday environmental politics in northern Finland. Nordia Geographical Publications, 49(5), 32-48. <https://bit.ly/3qIWD6U>
- Mravcová, A. (2020). Environmentálne Občianstvo V Kontexte Súčasného Vývoja A Bezprostredného Ohrozenia. Filozofia, 75(10).
- How Would Eco-citizenship Impact The Environmental Learning Of Middle Education Students Of The Colombia Viva District Educational Institution? Otto Leonardo Gómez Huertas Ciência Geográfica - Bauru - XXIV - Vol. XXIV- (4): Janeiro/Dezembro \_ 2020 [https://www.agbbauru.org.br/.../agb.../agb\\_xxiv\\_4-09.pdf](https://www.agbbauru.org.br/.../agb.../agb_xxiv_4-09.pdf)
- Sass, W., Quintelier, A., Boeve-de Pauw, J., De Maeyer, S., Gericke, N., & Van Petegem, P. (2021). Actions for sustainable development through young students' eyes. *Environmental Education Research*, 27(2), 234-253. <https://doi.org/10.1080/13504622.2020.1842331>
- Jørgensen, F. A., & Jørgensen, D. (2020). Citizen science for environmental citizenship. *Conservation Biology*. <https://conbio.onlinelibrary.wiley.com/.../cobi.13649...>



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# Other examples citing ENEC:

- Huang L., Cheah S.L. (2021) The Young Environmental Citizens in Nordic Countries: Their Concerns, Values, Engagement, and Intended Future Actions. In: Biseth H., Hoskins B., Huang L. (eds) Northern Lights on Civic and Citizenship Education. IEA Research for Education (A Series of In-depth Analyses Based on Data of the International Association for the Evaluation of Educational Achievement (IEA)), vol 11. Springer, Cham.  
[https://doi.org/10.1007/978-3-030-66788-7\\_6](https://doi.org/10.1007/978-3-030-66788-7_6)
- de las Heras Pérez MÁ, Vázquez Bernal B, Jiménez Palacios R, Jiménez Pérez R. Environmental Citizenship Education through the Doñana, Biodiversity and Culture Program. *Sustainability*. 2021; 13(5):2809. <https://doi.org/10.3390/su13052809>



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# Citing ENEC:

- More than **650** citations for the keywords: Citizenship and ENEC (01 March 2021)
- More than **430** citations for the keywords: Environmental Citizenship and ENEC (01 March 2021)

In Google Scholar



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# Citing ENEC:

- More than **761** citations for the keywords: Citizenship and ENEC (15 October 2021)
- More than **500** citations for the keywords: Environmental Citizenship and ENEC (15 October 2021)

In Google Scholar



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# Publications in Scientific Journals (2018)

- Hadjichambis, A., & Reis, P. (2018). New thinking in environmental citizenship. *Impact*, 1-3, p.52-54.
- Jovanović, L., & Radović, V. (2018). Dealing with the past in the context of joint environmental emergency management in the cross border region—overview of Serbian experience. *Fundamental and applied researches in practice of leading scientific schools*, 28(4), 39-45.
- Jovanović, L., Radović, V., & Lukinović, M. (2018). Significance of energy efficiency for energy security. *Fundamental and applied researches in practice of leading scientific schools*, 28(4), 46-52.
- Halbac-Cotoara-Zamfir, C. (2018). Formal and Non-formal Education Techniques for Adopting an Ecological Citizenship. *International Multidisciplinary Scientific GeoConference: SGEM: Surveying Geology & mining Ecology Management*, 18, 83-89.



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# Publications in Scientific Journals (2019)

- Simonova, P., Cincera, J., Kroufek, R., Krepelkova, S., & Hadjichambis, A. (2019). Active Citizens: Evaluation of a Community-Based Education Program. *Sustainability*, 11(3), 663.
- Hadjichambis, A. , Reis, P. & Paraskeva-Hadjichambi, D. (2019). Environmental citizenship research and the European Network for Environmental Citizenship. *OpenAccessGoverment*, 22, 276-277.
- Cheah, S. L., & Huang, L. (2019). Environmental Citizenship in a Nordic Civic and Citizenship Education Context. *NJCIE 2019, Vol. 3(1)*, 88–104.



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# Publications in Scientific Journals (2020)

- Hadjichambis, A.Ch. & Paraskeva-Hadjichambi, D. (2020). Environmental Citizenship Questionnaire (ECQ): The development and validation of an evaluation instrument for secondary school students. *Sustainability*, 12(3), 821.; doi:10.3390/su12030821. <https://www.mdpi.com/2071-1050/12/3/821/pdf>
- Oral, H. V., Eren, Ö., Yay, A. S. E., & Saygin, H. (2020). Environmental citizenship perception and behavior among university engineering students in the Marmara Region of Turkey. *Environment, Development and Sustainability*, 1-15. <https://doi.org/10.1007/s10668-020-00736-8>
- José Jesús Delgado-Peña Book review: Hadjichambis, Andreas Ch.; Reis, Pedro; Paraskeva-Hadjichambi, Demetra; Činčera, Jan; Boeve-de Pauw, Jelle; Gericke, Niklas; Knippels, Marie-Christine (eds.) (2020). Conceptualizing Environmental Citizenship for 21st Century Education. Cham (Suiza): Springer Open, 264 pág. ISBN: 978-3-030-20248-4. <https://doi.org/10.1007/978-3-030-20249-1> DOI: <http://dx.doi.org/10.5944/etfvi.13.2020.28003>
- Sass, W., Quintelier, A., Boeve-de Pauw, J., De Maeyer, S., Gericke, N., & Van Petegem, P. (2021). Actions for sustainable development through young students' eyes. *Environmental Education Research*, 27(2), 234-253. <https://doi.org/10.1080/13504622.2020.1842331>



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# Publications in Scientific Journals & Books (2020)

- Chapter Twelve: The Role Of Forests In The Context Of Environmental Citizenship: Insights From Austria. J. Oettel, F. Leregger, J. Zöscher, K. Lapin In: Forests for Public Health, 2020  
[https://books.google.com.cy/books?hl=el&lr=&id=G3D3DwAAQBAJ&oi=fnd&pg=PA304&dq=enec+cost+action&ots=\\_zgzyio27F&sig=wyBeW0IHc5aOtm6l8MyROyWW6fc&redir\\_esc=y#v=onepage&q=enec%20cost%20action&f=false](https://books.google.com.cy/books?hl=el&lr=&id=G3D3DwAAQBAJ&oi=fnd&pg=PA304&dq=enec+cost+action&ots=_zgzyio27F&sig=wyBeW0IHc5aOtm6l8MyROyWW6fc&redir_esc=y#v=onepage&q=enec%20cost%20action&f=false)
- Jørgensen, F.A. and Jørgensen, D. (2020). Citizen science for environmental citizenship. *Conservation Biology*. First published: 09 October 2020.  
<https://doi.org/10.1111/cobi.13649>
- Olsen, S. K., Miller, B. G., Eitel, K. B., & Cohn, T. C. (2020). Assessing Teachers' Environmental Citizenship Based on an Adventure Learning Workshop: A Case Study from a Social-ecological Systems Perspective. *Journal of Science Teacher Education*, 1-25.  
<https://www.tandfonline.com/.../10.../1046560X.2020.1771039>



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# Publications in Scientific Journals & Books (2021)

- Georgiou Y, Hadjichambis AC, Hadjichambi D. Teachers' Perceptions on Environmental Citizenship: A Systematic Review of the Literature. *Sustainability*. 2021; 13(5):2622. <https://doi.org/10.3390/su13052622>
- Huang L., Cheah S.L. (2021) The Young Environmental Citizens in Nordic Countries: Their Concerns, Values, Engagement, and Intended Future Actions. In: Biseth H., Hoskins B., Huang L. (eds) Northern Lights on Civic and Citizenship Education. IEA Research for Education (A Series of In-depth Analyses Based on Data of the International Association for the Evaluation of Educational Achievement (IEA)), vol 11. Springer, Cham. [https://doi.org/10.1007/978-3-030-66788-7\\_6](https://doi.org/10.1007/978-3-030-66788-7_6)



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# Publications in the Special Issue “Education for Environmental Citizenship” Sustainability Journal

- 11 Articles until now

- Kovách, I., Megyesi, B. G., Barthes, A., Oral, H. V., & Smederevac-Lalic, M. (2021). Knowledge Use in Education for Environmental Citizenship—Results of Four Case Studies in Europe (France, Hungary, Serbia, Turkey). *Sustainability*, 13(19), 11118. MDPI AG. Retrieved from <http://dx.doi.org/10.3390/su131911118>
- Finger, D. C., Draghici, C., Perniu, D., Smederevac-Lalic, M., Halbac-Cotoara-Zamfir, R., Sehic, A., & Kapović Solomun, M. (2021). The Importance of International Collaboration to Enhance Education for Environmental Citizenship. *Sustainability*, 13(18), 10326. MDPI AG. Retrieved from <http://dx.doi.org/10.3390/su131810326>



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# Publications in the Special Issue “Education for Environmental Citizenship” Sustainability Journal

- Telešienė, A., Boeve-de Pauw, J., Goldman, D., & Hansmann, R. (2021). Evaluating an Educational Intervention Designed to Foster Environmental Citizenship among Undergraduate University Students. *Sustainability*, 13(15), 8219. MDPI AG. Retrieved from <http://dx.doi.org/10.3390/su13158219>
- Finger, D. C., Draghici, C., Perniu, D., Smederevac-Lalic, M., Halbac-Cotoara-Zamfir, R., Sehic, A., & Kapović Solomun, M. (2021). The Importance of International Collaboration to Enhance Education for Environmental Citizenship. *Sustainability*, 13(18), 10326. MDPI AG. Retrieved from <http://dx.doi.org/10.3390/su131810326>
- Van Harskamp, M., Knippels, M.-C. P. J., & van Joolingen, W. R. (2021). Secondary Science Teachers' Views on Environmental Citizenship in The Netherlands. *Sustainability*, 13(14), 7963. MDPI AG. Retrieved from <http://dx.doi.org/10.3390/su13147963>



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# Publications in the Special Issue “Education for Environmental Citizenship” Sustainability Journal

- Monte, T., & Reis, P. (2021). Design of a Pedagogical Model of Education for Environmental Citizenship in Primary Education. *Sustainability*, 13(11), 6000. MDPI AG. Retrieved from <http://dx.doi.org/10.3390/su13116000>
- Vasiliades, M. A., Hadjichambis, A. C., Paraskeva-Hadjichambi, D., Adamou, A., & Georgiou, Y. (2021). A Systematic Literature Review on the Participation Aspects of Environmental and Nature-Based Citizen Science Initiatives. *Sustainability*, 13(13), 7457. MDPI AG. Retrieved from <http://dx.doi.org/10.3390/su13137457>
- Sarid, A., & Goldman, D. (2021). A Value-Based Framework Connecting Environmental Citizenship and Change Agents for Sustainability—Implications for Education for Environmental Citizenship. *Sustainability*, 13(8), 4338. MDPI AG. Retrieved from <http://dx.doi.org/10.3390/su13084338>



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# Publications in the Special Issue “Education for Environmental Citizenship” Sustainability Journal

- Georgiou Y, Hadjichambis AC, Hadjichambi D. Teachers' Perceptions on Environmental Citizenship: A Systematic Review of the Literature. *Sustainability*. 2021; 13(5):2622. <https://doi.org/10.3390/su13052622>
- Ladrera R, Robredo B, Ortega-Lasuen U, Díez JR, Ruiz-González A. Unprepared to Deal with Invasion: Pre-Service Teachers' Perception, Knowledge and Attitudes toward Invasive Species. *Sustainability*. 2020; 12(24):10543. <https://doi.org/10.3390/su122410543>
- de las Heras Pérez MÁ, Vázquez Bernal B, Jiménez Palacios R, Jiménez Pérez R. Environmental Citizenship Education through the Doñana, Biodiversity and Culture Program. *Sustainability*. 2021; 13(5):2809. <https://doi.org/10.3390/su13052809>



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# Presentations in Conferences, Seminars, International Conferences (2017-19)

- Hadjichambis, A. Ch. (2017). European Network for Environmental citizenship. *Chrysoprasino Fyllo Seminar, Environmental Centre of Argyroupolis, Athens, Greece, 30 Nov 2017.*
- Hadjichambis, A. Ch. (2018). Education for Environmental citizenship. *Chrysoprasino Fyllo Seminar, Environmental Centre of Argyroupolis, Troodos, Cyprus, 21 Apr 2018.*
- Halbac-Cotoara-Zamfir, C. (2018). Formal and Non-formal Education Techniques for Adopting an Ecological Citizenship. *18<sup>th</sup> International Multidisciplinary Scientific GeoConference SGEM 2018, Sofia, Bulgaria, July 2018.*
- Hadjichambis, A. Ch. (2018). Basic Characteristics of the Education for Environmental Citizenship, *Chrysoprasino Fyllo Seminar, Environmental Centre of Argyroupolis, Athens, Greece, 13 Dec 2018.*
- Oettel, J., Lapin, K., Leregger, F., Zöschner, J. (2019). The Role of Forests in the Context Of Environmental Citizenship: Insights from Austria. *World Conference on "Forests for Public Health, Athens, Greece, May 2019.*



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# Presentations in Conferences, Seminars, International Conferences (2017-19)

- Halbac-Cotoara-Zamfir, R., Hadjichambis, A. Ch. & Paraskeva-Hadjichambi, D. (2019). Negotiating land for flood using an environmental citizenship approach. *TERRAENVISION Abstracts, Vol. 2, TNV2019-NBS-2102, 2-7 September 2019, Barcelona, Spain.*
- Halbac-Cotoara-Zamfir, R., Hadjichambis, A. Ch. & Paraskeva-Hadjichambi, D. (2019). Education for environmental citizenship - potential key tool for enhancing the implementation of NBSs. *TERRAENVISION Abstracts, Vol. 2, TNV2019-NBS-2102, 2-7 September 2019, Barcelona, Spain.*
- Many presentations in iREEC 2019.



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# Publications in Scientific Journals



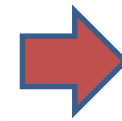
## Reference:

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(ENEC) no CA16229

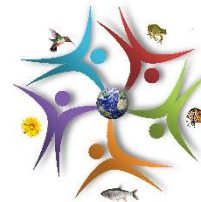


## Keywords:

- *environmental citizenship*
- *education for environmental citizenship*



## Inform us



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# iREEC 2022: Charles University, Czech Republic

## 12-13 March, 2022



**iREEC 2022**

International Researchers of the  
Education for Environmental Citizenship

### **iREEC 2022: 2nd International Conference of International Researchers of the Education for Environmental Citizenship 2022**

**Prague, Czech Republic (Charles University)**

**12-13 of March 2022**

International Conference | Location | Dates | Important Deadlines | Registration to the conference | Formatted abstract submission |  
Instructions for presentations | Conference Venue | Airports | Hotels | Public Transportation | About Prague | Local Sponsors | Poster |  
Conference Program and Book of Abstracts | Presentations | Photo Gallery | Press Release |

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International Conference | Location | Dates | Important Deadlines | Registration to the conference | Formatted abstract submission |



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# Submission of Proposals

- Around 35 submissions until now.
- Please share and promote the iREEC2022



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# Deliverables (DI)

**MAY 19** **MAY 20** **MAY 21**  
 3<sup>rd</sup> Grant Period 4<sup>th</sup> Grant Period 5<sup>th</sup> Grant Period

**OCT 19**

**OCT 20**

**OCT 21**

Year	Year 3				Year 4			
Quarter	1	2	3	4	1	2	3	4
DI. 1								
DI. 2								
DI. 3								
DI. 4								
DI. 5								
DI. 6								
DI. 7								
DI. 8								
DI. 9								
DI. 10								
DI. 11								
DI. 12								
DI. 13								
DI. 14								
DI. 15								
DI. 16								
DI. 17								
DI. 18								
DI. 19								
DI. 20								
DI. 21								
DI. 22								

We are here

- Repository database of scientific measures and evidence based interventions that target Environmental Citizenship in formal and non-formal education. (DI.7) ✓
- Short Country 'Non-scientific' Report on the stage of Environmental Citizenship. (DI.9) ✓
- All the reports of the participating countries (DI.9) will synthesize the ENEC Action Observation Report on the stage of Environmental Citizenship. (DI.10) ✓
- Policy measures and recommendations report for the consolidation of Environmental Citizenship in formal and non-formal education. (DI.11) →
- Special issue in a scientific journal on a topic selected by the Action. (DI.12) ✓ ...
- Publications in scientific peer-reviewed journals. (DI.13) ✓ ...
- A final open conference with international participation. iREEC2021 (DI.15) ✓
- e-newsletter (annual). (DI.17) ✓
- Teacher/educator training (TPD) model and principles for Environmental Citizenship. (DI.22) ✓

P.R.

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Programme

# ENEC in Numbers

- **39** Countries
- **134** Researchers and Academics
- **88** Universities and Research Institutions
- **7** European Joint Meetings
- **18** Steering Committee Meetings (obligation for only 6 until now)
- **10** European Science Café (obligation for only 2)
- **1** International Conference iREEC2019 (obligation for 2)
- **1** Scientific Open Access Book (Springer)
- **1** Special Issue in Peer Reviewed Journal (Sustainability)
- **3** Special Topic Sessions in Scientific Conferences (**15<sup>th</sup> ESA21**, **ITD21**, **WEEC 2022**)

**Our Success story! /1**  
**Until October 2021**



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# Our Success story! /2

## Until October 2021

### ENEC in Numbers

- **1** New European Horizon 2020 Project
- **3** New National Research Projects for Env. Citizenship
- **5** Scientific Report
- **23** Country Reports
- **157** European Experts involved in addition to ENEC
- **1** European Synthesis for EEC
- **23** Scientific publications in peer reviewed scientific journals
- **2** Training School (obligation is for 2)
- **3** STSMs (obligation for 2)
- **65** Scientific announcements (pres/tions & posters) in Scientific Conferences & Seminars



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# ENEC in Numbers

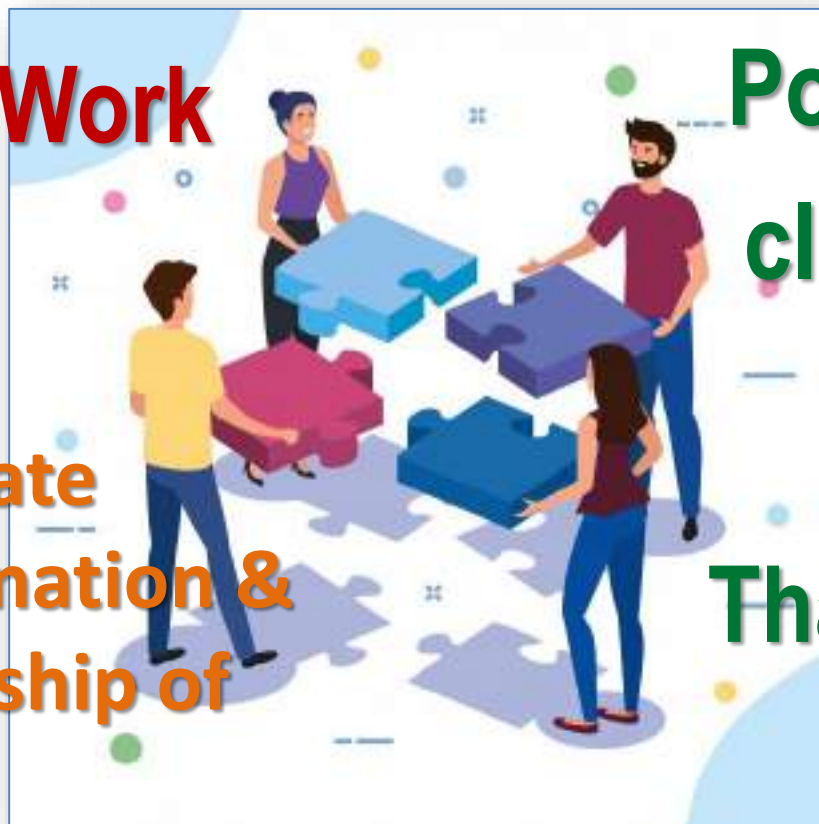
Our Success story! /3  
Until October 2020

Team Work

Positive  
climate

Adequate  
Coordination &  
Leadership of  
ENEC

Thank you  
All



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# Extension of ENEC until 26<sup>th</sup> of April 2022



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# Important Characteristics of EEC

- Comprehensive and integrated learning
- Authentic real life learning
- Change oriented learning (aiming Environmental and Social Change)
- Inter-generational (inter-aged) learning (students and peers along with adults)
- Transformative learning
  - Community service learning
  - Experiential learning
  - Participatory learning
  - Local and Global Action learning
  - Critical and emancipatory learning
  - Inter- & Intra-generational justice learning



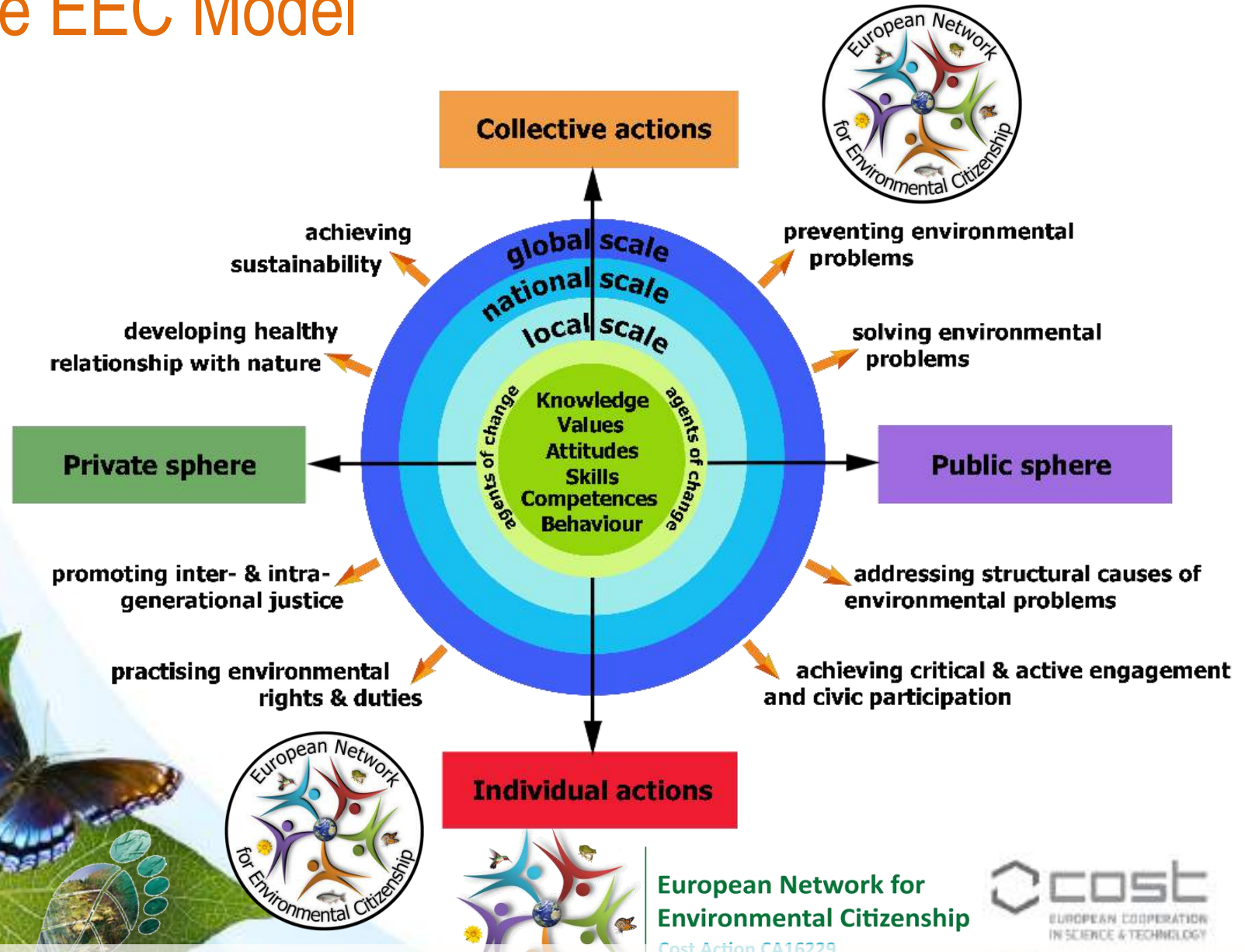
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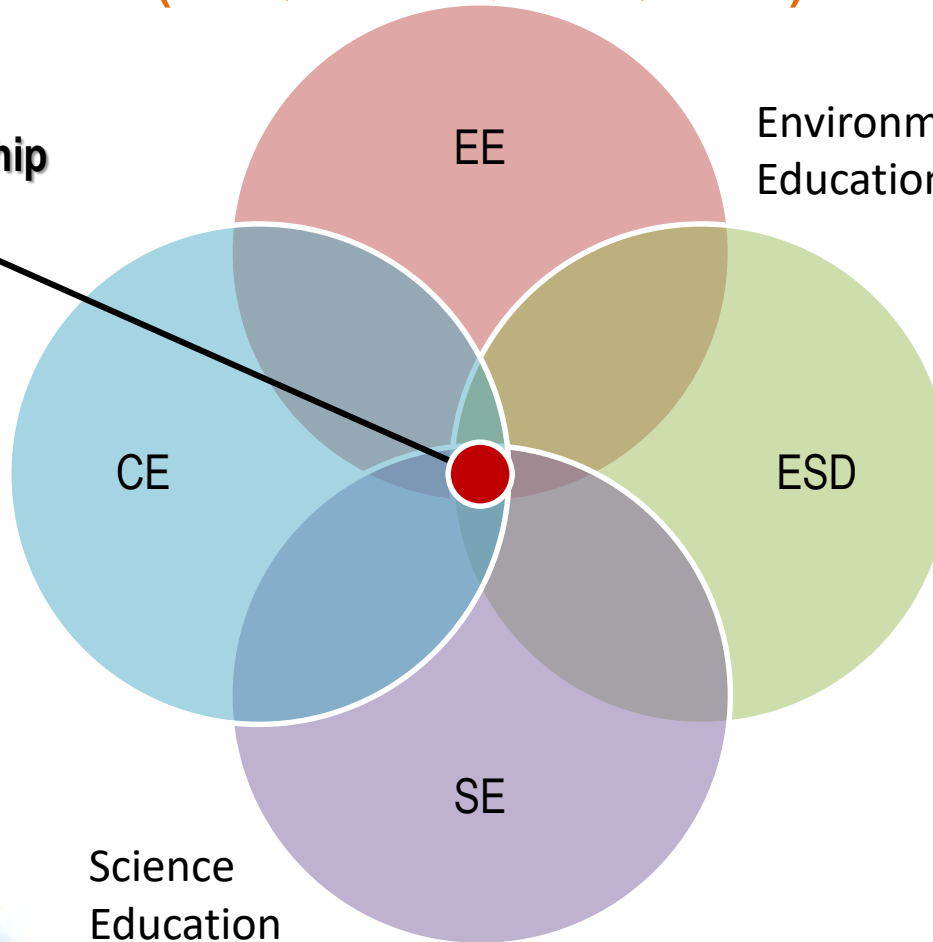
# The EEC Model



# EEC and other types of education (EE, ESD, SE, CE)

**Education for  
Environmental Citizenship  
(EEC)**

Citizenship  
Education



Environmental  
Education

Education for  
Sustainable  
Development

Science  
Education

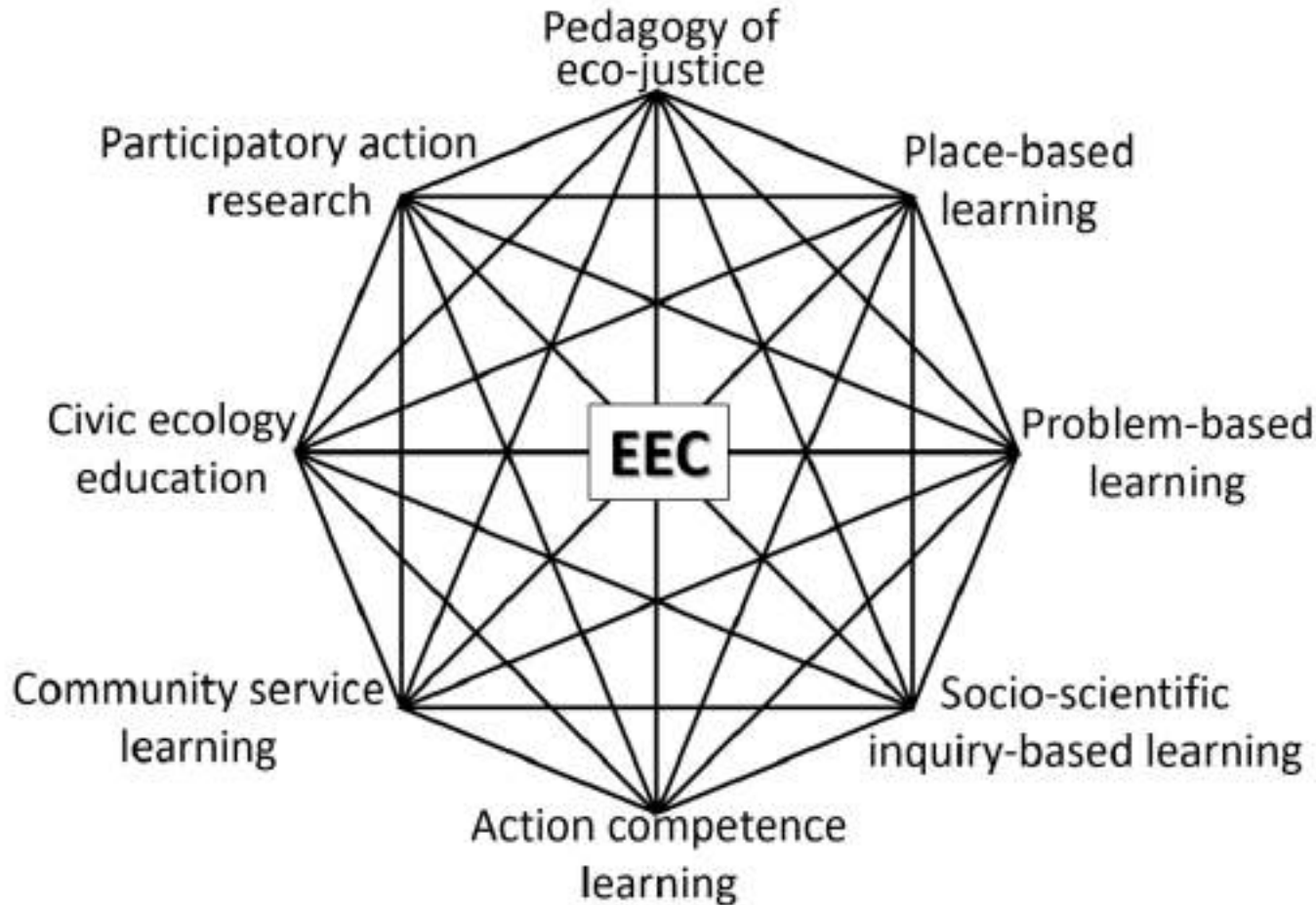


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# The pedagogical landscape of Education for Environmental Citizenship (EEC)



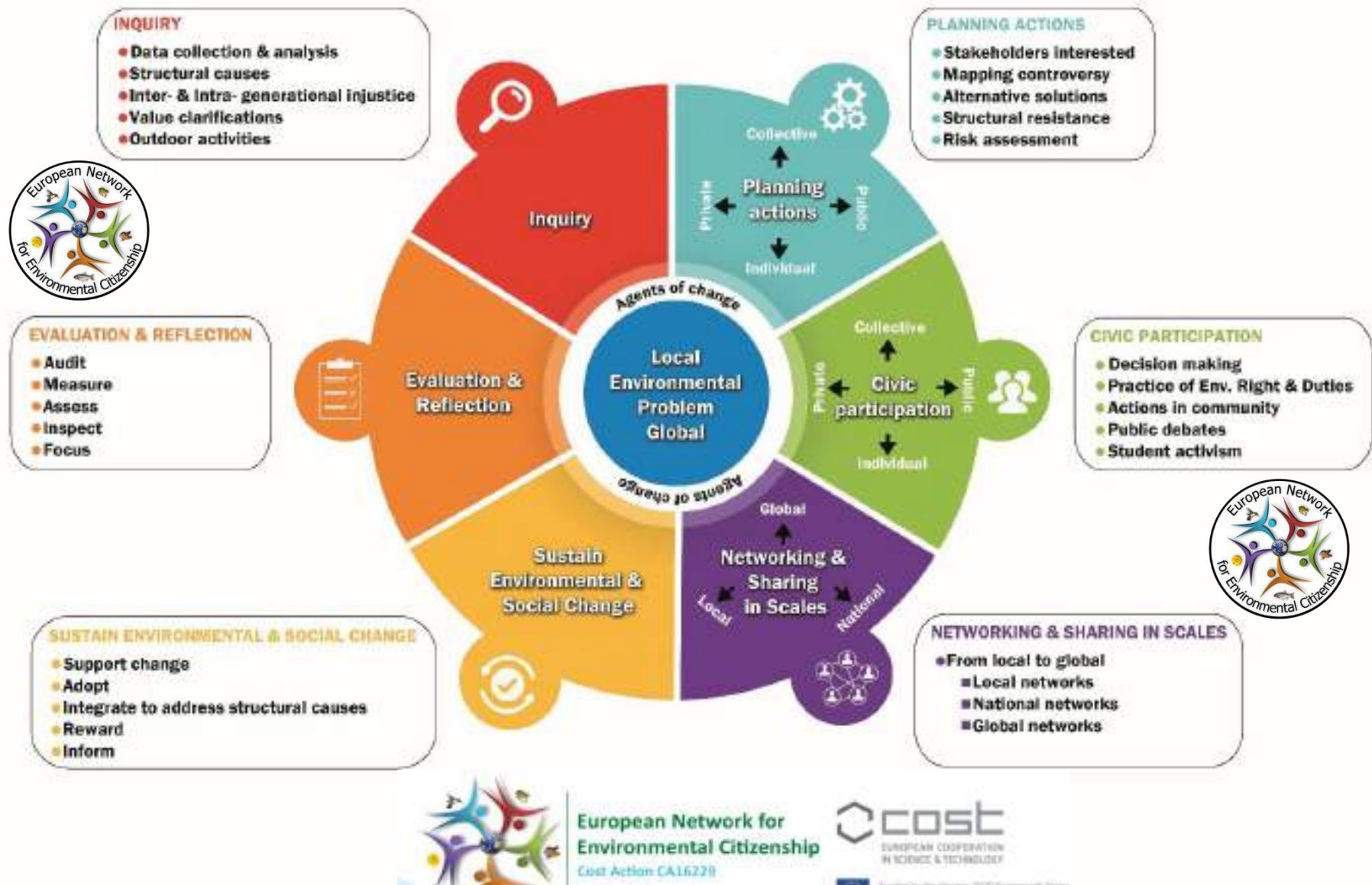
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# Education for Environmental Citizenship Pedagogical Approach



# The EEC Model

Environmental Citizens could undertake  
Actions in:

- 2 Dimensions: **Individual** and **Collective**
- 2 Spheres: **Private** and **Public**
- 3 Scales: **Local, National, Global**

Environmental Citizenship actions are acknowledged as actions in the public sphere when they affect the relations in societies, and as actions in private spheres when they affect the relations between individuals and societies (Postma, 2006).



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# We, as ENEC, we are part of the Genesis of the Education for Environmental Citizenship (EEC)



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**13:10-13:20**

**Presentation:**

Dr Andreas **HADJICHAMBIS**, Cyprus Centre for Environmental Research and Education, CYCERE, Cyprus, Action Chair

# Policy measures and recommendations report for the consolidation of Education for Environmental Citizenship in formal and non-formal education (Del 11)



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# Policy Measures and Recommendations for consolidation of EEC.

European Network for Environmental Citizenship (ENEC)



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**Dr Andreas Ch. Hadjichambis**  
Research Professor  
Scientific Director of CYCERE  
Chair of ENEC



# According to ENEC MoU – Research Coordination Objective 5

- ➡ Propose policy measures and recommendations needed for the promotion of Environmental Citizenship.
- ➡ The Action will develop policy measures and recommendations for the promotion of Environmental Citizenship which will be disseminated through diverse channels in
  - the scientific community,
  - policy sector,
  - educational sector
  - and the general society.



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# Identifying the Deliverable

- “The Action will identify substantial policy measures and recommendations.
- In different macro- and micro- level dimensions of formal and non-formal education.
- The Action aim to increase the impact of research on Environmental Citizenship to policy makers, regulatory bodies and national decision makers as well as on the private sector.
- ENEC Action will bring Environmental Citizenship in the forefront of research and policy in Europe.



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# Identifying the Deliverable

- The Action will develop policy measures and recommendations for the promotion of Environmental Citizenship which **will be disseminated through diverse channels in the scientific community, policy sector, educational sector and the general society. The number of dissemination documents regarding the policy measures and recommendations will serve as a measure of the achievement of the objective.**
- **Provide guidelines (in macro- and micro-level), information, good examples and best practices on Environmental Citizenship in Educational Authorities (e.g., Ministries etc.).**



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# Identifying the Deliverable

- The Action will develop policy measures and recommendations for the promotion of Environmental Citizenship which will be disseminated through diverse channels in the scientific community, policy sector, educational sector and the general society. The number of dissemination documents regarding the policy measures and recommendations will serve as a measure of the achievement of the objective.
- Provide guidelines (in macro- and micro-level), information, good examples and best practices on Environmental Citizenship in Educational Authorities (e.g., Ministries etc.).



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13:20-14:20

WG Sessions:

WG1 - Coord.: Dr Marta **ROMERO-ARIZA**, University of Jaen, Spain, WG1 Leader

WG2 - Coord.: Dr Jelle **BOEVE-DE PAUW**, University of Antwerp, Belgium

WG3 - Coord.: Prof Niklas **GERICKE**, University of Karlstad, Sweden

WG4 - Coord.: Dr Demetra **PARASKEVA-HADJICHAMBI**, CYCERE, Cyprus



## 4 Working Group Meetings – Room sessions

**Policy Measures WG1 7EJM v1**

<https://docs.google.com/document/d/1tM0uPpUmkp1aZLaBy8G9YDGYJ6l9dp360PW9KIQ6eN8/edit>

**Policy Measures WG2 7EJM v1**

<https://docs.google.com/document/d/1bYkbCxEeyNkn506p70hViVpSGPUQosL35et1616MIkk/edit>

**Policy Measures WG3 7EJM v1**

<https://docs.google.com/document/d/1tM0uPpUmkp1aZLaBy8G9YDGYJ6l9dp360PW9KIQ6eN8/edit>

**Policy Measures WG4 7EJM v1**

<https://docs.google.com/document/d/1Jq5uDCqP3yZAijJBGxnVix6z84xsszhomrCLWhUSfEc/edit>



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14:20-14:40

WG Sessions:

WG1 - Coord.: Dr Marta **ROMERO-ARIZA**, University of Jaen, Spain, WG1 Leader

WG2 - Coord.: Dr Jelle **BOEVE-DE PAUW**, University of Antwerp, Belgium

WG3 - Coord.: Prof Niklas **GERICKE**, University of Karlstad, Sweden

WG4 - Coord.: Dr Demetra **PARASKEVA-HADJICHAMBI**, CYCERE, Cyprus



## 4 Working Group Meetings - Presentations

Policy Measures WG1 7EJM v1

<https://docs.google.com/document/d/1CNaIS8eZA1WOG6cEdhFNZ6eLECK5Zrpgr1U8mR4Ao40/edit>

Policy Measures WG2 7EJM v1

<https://docs.google.com/document/d/1bYkbCxEeyNkn506p70hViVpSGPUQosL35et1616MIkk/edit>

Policy Measures WG3 7EJM v1

<https://docs.google.com/document/d/1tM0uPpUmkp1aZLaBy8G9YDGYJ6l9dp360PW9KIQ6eN8/edit>

Policy Measures WG4 7EJM v1

<https://docs.google.com/document/d/1Jq5uDCqP3yZAijJBGxnVix6z84xsszhomrCLWhUSfEc/edit>



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# CoffeeBreak

Wednesday 10<sup>th</sup> of March 2021

**14:40-15:00**



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15:00-15:40

Presentation:

Invited Speakers:

*Dr Ariel **SARID** & Prof Daphne **GOLDMAN**, Beit Berl College, Israel*

Coordination:

*Prof Pedro **REIS**, Universidade de Lisboa, Lisboa, Portugal, Vice Chair*



## Research Workshop 1:

# “Value-Based Framework Connecting Environmental Citizenship and Change Agents for Sustainability—Insights for the ENEC EEC Model”.



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# Research Workshop 1: Trans Working Group: Discussion

Coordinated by:

Action Vice-Chair

Professor Pedro Reis , *Universidade de Lisboa, Portugal*

**15:40-16:00**



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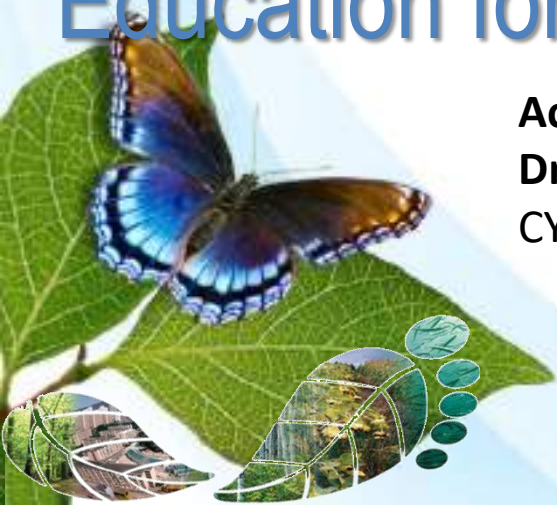




# Propose policy measures and recommendations needed for the promotion of Education for Environmental Citizenship (EEC)

**Action Chair**  
**Dr Andreas Hadjichambis**  
 CYCERE, Cyprus

**7<sup>th</sup> European Joint Meeting**  
**ONLINE MEETING**  
**21-22 October 2021**



**European Network for  
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## 22<sup>nd</sup> of October 2021



**European Network for  
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13:00-13:05

Welcome:

Dr Andreas Ch. **HADJICHAMBIS**, *Cyprus Centre for Environmental Research and Education, CYCERE, Cyprus, Chair of ENEC*



# Welcome



European Network for  
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13:05-13:45

Presentation:

Invited Speakers:

*Dr Teresa **MONTE** & Prof Pedro **REIS**, Vice Chair, Universidade de Lisboa, Lisboa, Portugal*

Coordination:

*Dr Marie-Christine **KNIPPELS**, Universiteit Utrecht, Netherlands*



## Research Workshop 2:

# “Design of a Pedagogical Model of Education for Environmental Citizenship in Primary Education”.



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# Research Workshop 2: Trans Working Group: Discussion

Coordinated by:

*Dr Marie-Christine **KNIPPELS**, Universiteit Utrecht, Netherlands*

**13:45-14:00**



**European Network for  
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14:00-14:40

Presentation:

Invited Speakers:

*Dr Audronė **TELEŠIENĖ**, Dr Jelle **BOEVE-DE PAUW**, Prof Daphne **GOLDMAN** and Dr Ralph **HANSMANN**, ENEC Cost Action*

Coordination:

*Dr Marta **ROMERO-ARIZA**, University of Jaen, Spain, WG1 Leader*



## Research Workshop 3:

# “Evaluating an Educational Intervention Designed to Foster Environmental Citizenship among Undergraduate University Students”.



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# Research Workshop 3: Trans Working Group: Discussion

Coordinated by:

*Dr Marta **ROMERO-ARIZA**, University of Jaen, Spain, WG1 Leader*

**14:40-15:00**



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# CoffeeBreak

Thursday 11<sup>th</sup> of March 2021

**15:00-15:20**



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15:20-15:30

Presentation:

Prof Pedro **REIS**, *Universidade de Lisboa, Lisboa, Portugal, Vice Chair*



## Teacher/educator training (TPD) model and principles leading to EEC (Del. 22)



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15:20-15:30

Presentation:

Prof Pedro **REIS**, *Universidade de Lisboa, Lisboa, Portugal, Vice Chair*



## Teacher/educator training (TPD) model and principles leading to EEC (Del. 22) - Next steps for Del. 22 after the 6th Virtual EJM (Work plan, Important steps and Deadlines)



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15:30-15:40

**Presentation:**

Dr. Ralph **HANSMANN**, *ETH Zurich, Switzerland (Member of TdLab ETH Zurich & ENEC)*

Dr Andreas **HADJICHAMBIS**, *Cyprus Centre for Environmental Research and Education, CYCERE, Cyprus, Action Chair*



## **ENEC SPECIAL SESSION IN ITD21 INTERNATIONAL CONFERENCE:**

### **Linkages between Transdisciplinarity and Education for Environmental Citizenship: Implications and Approaches.**



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15:30-15:40

**Presentation:**

Dr. Ralph **HANSMANN**, *ETH Zurich, Switzerland (Member of TdLab ETH Zurich & ENEC)*

Dr Andreas **HADJICHAMBIS**, *Cyprus Centre for Environmental Research and Education, CYCERE, Cyprus, Action Chair*

akademien der  
wissenschaften schweiz

**ETH** zürich



**ITD21** 13 - 17 September 2021 • online  
International Transdisciplinarity Conference  
Creating spaces and cultivating mindsets for learning and experimentation



**European Network for  
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**cost**  
EUROPEAN COOPERATION  
IN SCIENCE & TECHNOLOGY

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## About ESA 2021 in Barcelona



### SOCIOLOGICAL KNOWLEDGES FOR ALTERNATIVE FUTURES

Dr Audronė **TELEŠIENĖ**,  
Kaunas University of Technology,  
Lithuania



## RN12 - Environment & Society

### Environmental Citizenship and Environmental Movements

#### 15th ESA Conference, 31 August - 3 September 2021 to be held in Barcelona / Spain

Every other year since 1992, the European Sociological Association organises a big conference in different European countries. From 31 August to 3 September 2021, 3000 participants from all over the world are expected to come to Barcelona, Spain for the 15th ESA Conference dealing with "Sociological Knowledges for Alternative Futures".

The ESA 2021 Conference will take place either with the full physical co-presence of all attendees, or wholly online, or in some hybrid mode combining these two possibilities. We hope to see you in Barcelona!

#### About the ESA 2021 conference logo



15th ESA Conference 2021  
31 Aug - 3 Sep, Barcelona

The Canadenca strike (Barcelona, 1919) originated at the main electrical company in Barcelona, "Riegos y Fuerzas del Ebro", popularly known as La Canadenca, since its capital came from Canada. The strike soon spread to other companies in the sector via the CNT's union for water, gas and electricity workers. The bonds of solidarity led to the victory of workers.

After two days of negotiations, an agreement was signed to free the majority of prisoners, readmit all the workers on strike with no reprisals, increase wages and cut working hours to eight a day (Decreto de la jornada de ocho horas de trabajo).

All demands were met and extended not only to workers in the water, gas and electrical sectors, but also to the rest of the sectors in the state. Barcelona became a pioneer city in having an eight-hour working day.

*These webpages are updated on a regular basis. Last update: February 10th, 2021.*



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15:40-15:50

Presentation:

*Dr Andri **CHRISTODOULOU**, University of Southampton, Southampton, United Kingdom, ECI and STSM Coordinator*



## 2<sup>nd</sup> European Training School of ENEC



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**15:40-15:50**

**Presentation:**

*Dr Andri **CHRISTODOULOU**, University of Southampton, Southampton, United Kingdom, ECI and STSM Coordinator*



## 2<sup>nd</sup> European Training School of ENEC

### Trainers

- Dr Danielle Wilde, Associate Professor of Embodied Design, University of Southern Denmark
- Prof Marcus Grace, Professor of Science Education, Southampton Education School, University of Southampton, UK
- Dr Andri Christodoulou, Southampton Education School, University of Southampton, UK (Training school coordinator)

**Training School dates: 21-22 September 2021, Virtual Event**

**Host Institution:** Southampton Education School, University of Southampton, UK



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15:50-16:00

Presentation:

*Dr Andreas **HADJICHAMBIS**, Cyprus Centre for Environmental Research and Education, CYCERE, Cyprus, Action Chair*



# Closing Meeting and Next Steps of ENEC



European Network for  
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# Management Committee Meeting - Next Steps

## Coordinated by:

Dr Andreas **HADJICHAMBIS**, Cyprus Centre for Environmental Research and Education, CYCERE, Cyprus

Management Committee Meeting Minutes:

## Recording

- I. ENEC EVENTS
- II. PUBLICATIONS
- III. OTHER
- IV. WORK & BUDGET PLAN
- V. NEW PROPOSALS



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# Deliverables (DI)

We are here



Year	Year 1				Year 2				Year 3				Year 4			
Quarter	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
DI. 1		✓														
DI. 2					✓											
DI. 3									✓...							
DI. 4									✓							
DI. 5									✓							
DI. 6									✓							
DI. 7																✓...
DI. 8					✓							✓				✓
DI. 9						✓										✓
DI. 10							✓									✓
DI. 11																✓
DI. 12															✓...	
DI. 13													✓...			
DI. 14						✓						✓				
DI. 15																✓
DI. 16		✓														✓
DI. 17				✓				✓				✓				✓
DI. 18						✓				✓						✓
DI. 19		✓														✓
DI. 20									✓	✓	✓	✓				
DI. 21								✓								
DI. 22																✓

Year 1: 4 DI.  
 Year 2: 7 DI.  
 Year 3: 9 DI.  
 Year 4: 9 DI.

# Deliverables (DI)

	1 <sup>st</sup> Grant Period				2 <sup>nd</sup> Grant Period				3 <sup>rd</sup> Grant Period				4 <sup>th</sup> Grant Period			
	MAY 18				MAY 19				MAY 20							
	OCT 17				OCT 18				OCT 19				OCT 20			
Year	Year 1				Year 2				Year 3							
Quarter	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
DI. 1																
DI. 2																
DI. 3																
DI. 4																
DI. 5																
DI. 6																
DI. 7																
DI. 8																
DI. 9																
DI. 10																
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DI. 15																
DI. 16																
DI. 17																
DI. 18																
DI. 19																
DI. 20																
DI. 21																
DI. 22																

- Report on Good examples and best educational practices leading to environmental citizenship will be published. (DI.8) → ✓
- Publications in scientific peer-reviewed journals. (DI.13) → ✓...
- 2 Training schools. (DI.14) → ✓
- e-newsletter (annual). (DI.17) →
- Organization of 'café scientifique' events in at least two different countries. (DI.18) → ✓10
- Short Term Scientific Missions (STSM) (DI. 20) → ✓

ship



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# Deliverables (DI)

We are here

**MAY 19** **MAY 20** **MAY 21** **APR 22**

3<sup>rd</sup> Grant Period 4<sup>th</sup> Grant Period 5<sup>th</sup> Grant Period

**OCT 19**

**OCT 20**

**OCT 21**

Year	Year 3				Year 4			
Quarter	1	2	3	4	1	2	3	4
DI. 1								
DI. 2								
DI. 3								
DI. 4								
DI. 5								
DI. 6								
DI. 7								
DI. 8								
DI. 9								
DI. 10								
DI. 11								
DI. 12								
DI. 13								
DI. 14								
DI. 15								
DI. 16								
DI. 17								
DI. 18								
DI. 19								
DI. 20								
DI. 21								
DI. 22								

- Repository database of scientific measures and evidence based interventions that target Environmental Citizenship in formal and non-formal education. **(DI.7)**
- Short Country 'Non-scientific' Report on the stage of Environmental Citizenship. **(DI.9)**
- All the reports of the participating countries (DI.9) will synthesize the ENEC Action Observation Report on the stage of Environmental Citizenship. **(DI.10)**
- Policy measures and recommendations report for the consolidation of Environmental Citizenship in formal and non-formal education. **(DI.11)**
- Special issue in a scientific journal on a topic selected by the Action. **(DI.12)**
- Publications in scientific peer-reviewed journals. **(DI.13)**
- A final open conference with international participation. iREEC2022 **(DI.15)**
- e-newsletter (annual). **(DI.17)**
- Teacher/educator training (TPD) model and principles for Environmental Citizenship. **(DI.22)**





### Education for Environmental Citizenship

Chairs: Andreas Ch. **HADJICHAMBIS**, ENEC CYCERE & Ralph **HANSMANN**, ETH Zürich

### Action competence and key competences for sustainability

Chairs: Daniel **OLSSON**, Karlstad university & Per **SUND**, Stockholm University

### Whole School Approaches to Environmental and Sustainability Education

Chairs: Daphne **GOLDMAN**, Beit Berl College & Niklas **GERICKE**, Karlstad University



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[Home](#) [About ENEC](#) [Our Approach](#) [Working Groups](#) [Repository Database](#) [Dissemination](#) [Events](#) [News](#) [How to Join](#) [Contact](#) [Intranet](#)

## GAIA Repository Database for Environmental Citizenship of ENEC

Welcome to the European Network's for Environmental Citizenship Repository Database GAIA. In the GAIA Repository Database you can Register, Upload, Search data relevant to Environmental Citizenship, Education for Environmental Citizenship and Environmental Citizen. [Click Here to Read More](#)

### Search the Repository Database

<http://repository.enec-cost.eu>

SEARCH

REGISTER



USERS



STAKEHOLDERS



RESOURCES



FAVOURITES

search everything in Users

GO

User Type:

General Expertise:

# Every MC Member should register:

<http://repository.enec-cost.eu>

At least:

- 7 Users
- 7 Stakeholders
- 7 Resources

**Deadline:**

**By 30<sup>th</sup> of November 2021**



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# Stakeholders

- 64 entries from 17 countries

Albania	Italy
Belgium	Lithuania
Croatia	Netherlands
Cyprus	Serbia
Czech Republic	Slovakia
Denmark	Slovenia
Finland	Spain
Greece	
Iceland	
Israel	

- 
- Still waiting: 22 countries

Austria	Poland
Bosnia and Herzegovina	Portugal
Bulgaria	Romania
France	Sweden
Germany	Switzerland
Hungary	Turkey
Latvia	United Kingdom
Malta	USA
Moldova	Australia
Montenegro	
North Macedonia	
Norway	



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# Resources

- 131 entries from 21(3) countries

Albania	Ecuador
Andorra	Finland
Australia	Germany
Austria	Israel
Colombia	Italy
Croatia	Lithuania
Cyprus	Netherlands
Czech Republic	Portugal
Denmark	Slovakia
	Spain
	Turkey
	United Kingdom



- Still waiting: 21 countries

Belgium	Poland
Bosnia and Herzegovina	Romania
Bulgaria	Serbia
Greece	Slovenia
Estonia	Sweden
France	Switzerland
Hungary	USA
Iceland	
Latvia	
Malta	
Moldova	
Montenegro	
North Macedonia	
Norway	



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# Users

- 139 entries from 26(1) countries

Albania	Estonia
Australia	Finland
Austria	Greece
Belgium	Hungary
Brazil	Iceland
Croatia	Israel
Cyprus	Italy
Czech Republic	Lithuania
Denmark	Netherlands
	Portugal
	Serbia
	Slovakia
	Slovenia
	Spain
	Switzerland
	Turkey
	USA



- Still waiting: 14 countries

Bosnia and Herzegovina	Poland
Bulgaria	Romania
Germany	Sweden
France	United Kingdom
Latvia	
Malta	
Moldova	
Montenegro	
North Macedonia	
Norway	



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# I. ENEC EVENTS

**5<sup>th</sup> Grant Period**  
**Until 24<sup>th</sup> of April 2022**

## A. Meetings - Conferences

1. 8<sup>th</sup> European Joint Meeting and International Researchers of Education for Environmental Citizenship Conference - iREEC 2022, Prague, Czech Republic, 12/03/2022 - 13/03/2022



**FINAL MEETING OF THE PROJECT**  
**YOUR PRESENCE IS**  
**VERY IMPORTANT**  
**Face to Face Meeting**

<https://enec-cost.eu/ireec22/>



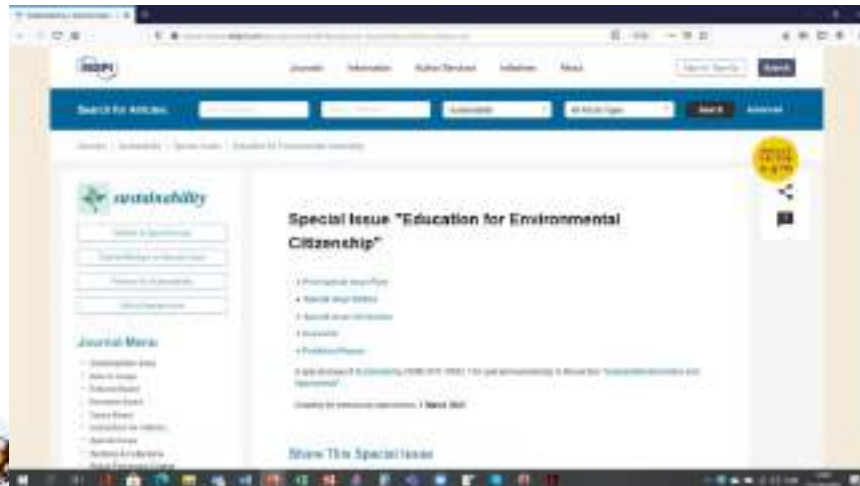
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## II. PUBLICATIONS

4<sup>th</sup> Grant Period  
Until 30<sup>th</sup> of October 2021

- A special issue of [Sustainability](#) (ISSN 2071-1050). This special issue belongs to the section "[Sustainable Education and Approaches](#)".



Until now 12 articles  
published

Extended until 30<sup>th</sup> of  
March 2022



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## II. PUBLICATIONS

4<sup>th</sup> Grant Period  
Until 30<sup>th</sup> of October 2021

- Book for Kids related to Environmental Citizenship
- In English and fewer in Greek
- Available to you for translation to your language



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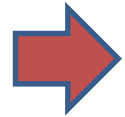
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# Publications in Scientific Journals until now (2019)



## Reference:

COST Action European Network for Environmental Citizenship (ENEC) no 16229



## Keywords:

- *environmental citizenship*
- *education for environmental citizenship*



## Inform us



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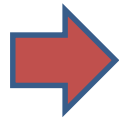
# Give Publicity and Promote ENEC

- Publications in Scientific Journals (DI.13)
- Presentations in Conferences, Seminars, Workshops, and/or International Conferences. (DT2)
- Social network platforms/media (Facebook, Twitter). (DT16)
- Popular communication media (internet, radio, newspapers and/or television). (DT14) also (DT16)
- Personal Communications with Stakeholders, Direct dialogs. (DT10)



## Reference:

COST Action European Network for Environmental Citizenship (ENEC) no 16229



## Keywords:

- *environmental citizenship*
- *education for environmental citizenship*



## Inform us



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# Some Important Deliverables (DI)

- Repository database GAIA (**DI. 7**)
- Policy measures and recommendations report (**DI. 11**)
- Teacher/educator training (TPD) model and principles for Environmental Citizenship. (**DI.22**)
- iREEC2022 (**DI. 15**)



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# Dissemination Tools (DT)

	MAY 18				MAY 19				MAY 20				MAY 21			
	1 <sup>st</sup> Grant Period				2 <sup>nd</sup> Grant Period				3 <sup>rd</sup> Grant Period				4 <sup>th</sup> Grant Period			
	OCT 17				OCT 18				OCT 19				OCT 20			
Year	Year 1				Year 2				Year 3				Year 4			
Quarter	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
DT1																
DT2																
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DT21																
DT22																
DT23																
DT24																

Year 1: 12 DT  
Year 2: 16 DT  
Year 3: 14 DT  
Year 4: 19 DT

# Dissemination Tools

MAY 18

1<sup>st</sup> Grant Period 2<sup>nd</sup> Grant

OCT 17

OCT

Year	Year 1			
Quarter	1	2	3	4
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DT24				

- **A flyer** describing the Action and its activities, methodology and objectives. (DT6) → ✓
- **Invitations** to workshops and workgroup meetings. (DT8) also Milestone → ✓
- Direct **dialogs**. (DT10) → ✓
- Short Country's 'Non-scientific' Report on Environmental Citizenship. (DT12) also Deliverable (DI. 9) → ✓
- Popular communication media (**internet**, radio, newspapers and/or television). (DT14) also (DT16) → ✓
- Non-scientific' reports (in lay form). (DT9) (synthesis of work done in Eu level) → ✓...
- Interactive platform open access repository (**website**). (DT15) → ✓
- **Social network** platforms/media (Facebook, Twitter). (DT16) → ✓
- **e-newsletter** (annual). (DT17) (DI. 17) → ✓
- Wikipedia webpage dedicated to the Environmental Citizenship and the COST Action. (DT19) → ✓
- Research Workshops **Minutes** (DT21) also Milestone → ✓
- Interactive Seminars for Stakeholders (DT24) also Milestone → ✓



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# Dissemination Tools

	MAY 18 1 <sup>st</sup> Grant Period				MAY 19 2 <sup>nd</sup> Grant Period				3 <sup>rd</sup> Grant Period
	OCT 17				OCT 18				OCT 19
Year	Year 1				Year 2				
Quarter	1	2	3	4	1	2	3	4	1
DT1									
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DT23									
DT24									

- Publications in scientific peer-reviewed journals. (DT1) → V...
- Presentations at thematic workshops, seminars and/or international conferences. (DT2) → V...
- Training programmes (advanced courses and research workshops). (DT3) → V
- International conference. (DT4) → V...
- Position papers (e.g. new research paradigms and metrics for assessing the EC and/or research gaps and future research needs and perspectives, etc.). (DT5) also (DI. 4) → V
- **Invitations** to workshops and workgroup meetings. (DT8) also Milestone → V
- 'Non-scientific' reports (in lay form). (DT9) (synthesis of work done in Eu level) also (DI. 10) → V
- Direct **dialogs**. (DT10) → V
- European Synthesis of SWOT Report (DT13), also (DI. 10) → V
- Popular communication media (**internet**, radio, newspapers and/or television). (DT14) also (DT16) → V...
- **Social network** platforms/media (Facebook, Twitter) → V (DT16)
- **e-newsletter** (annual). (DT17) (DI. 17) →
- **Café Scientific** (DT18) also (DI. 18) → V
- Research Workshops **Minutes** (DT21) also Milestone → V
- Special Topic Sessions (DT23) → V
- Forum for Young Researchers (DT22) → V
- Interactive Seminars for Stakeholders (DT24) also Milestone → V

# Dissemination Tools (DT)

	MAY 18				MAY 19				MAY 20			
	1 <sup>st</sup> Grant Period				2 <sup>nd</sup> Grant Period				3 <sup>rd</sup> Grant Period			
	OCT 17				OCT 18				OCT 19			
Year	Year 1				Year 2				Year 3			
Quarter	1	2	3	4	1	2	3	4	1	2	3	4
DT1												
DT2												
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DT22												
DT23												
DT24												

- Publications in scientific peer-reviewed journals. (DT1) → V...
- Presentations at thematic workshops, seminars and/or international conferences. (DT2) → V...
- Training programmes (advanced courses and research workshops). (DT3) → V.
- Position papers (e.g. new research paradigms and metrics for assessing the EC and/or research gaps and future research needs and perspectives, etc.). (DT5) also (DI.4) → V...
- **Invitations** to workshops and workgroup meetings. (DT8) also Milestone → V.
- 'Non-scientific' reports (in lay form). (DT9) (synthesis of work done in Eu level) also (DI. 10) → V...
- Direct **dialogs**. (DT10) → V...
- Popular communication media (**internet**, radio, newspapers and/or television). (DT14) also (DT16) → V...
- **Social network** platforms/media (Facebook, Twitter). (DT16) → V...
- **e-newsletter** (annual). (DT17) (DI. 17) → V...
- **Café Scientific** (DT18) also (DI. 18) → V...
- Research Workshops **Minutes** (DI. 12) also Milestone → V...
- Forum for Young Researchers (DT22) → V.
- Special Topic Sessions (DT23) → V.
- Interactive Seminars for Stakeholders (DT24) also Milestone → V...

# Dissemination Tools (DT)

MAY 20

MAY 21

3<sup>rd</sup> Grant Period

4<sup>th</sup> Grant Period

OCT 19

OCT 20

OCT 21

Year	Year 3				Year 4			
Quarter	1	2	3	4	1	2	3	4
DT1								
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DT3								
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DT21								
DT22								
DT23								
DT24								

- Publications in scientific peer-reviewed journals. (DT1) → V...
- Presentations at thematic workshops, seminars and/or international conferences. (DT2) → V...
- International conferences (DT4) → V...
- Position papers (e.g. new research paradigms and metrics for assessing the EC and/or research gaps and future research needs and perspectives, etc.). (DT5) also (DI.4) → V...
- An edited book on Environmental Citizenship. (DT7) → V...
- **Invitations** to workshops and workgroup meetings. (DT8) also Milestone → V...
- 'Non-scientific' reports (in lay form). (DT9) (synthesis of work done in Eu level) also (DI. 10) → V...
- Direct **dialogs**. (DT10) → V...
- Report on Policy measures and recommendations. (DT11) → V...
- Short Country's 'Non-scientific' Report on Environmental Citizenship. (DT12) → V...
- Synthesis of the Short Countries' 'Non-scientific' Reports on Environmental Citizenship. (DT13) → V...
- Popular communication media (**internet**, radio, newspapers and/or television). (DT14) also (DT16) → V...
- **Social network** platforms/media (Facebook, Twitter). (DT16) → V...
- **e-newsletter** (annual). (DT17) (DI. 17) → V...
- **Café Scientific** (DT18) also (DI. 18) → V...
- At least one special issue in a scientific journal on a topic selected by the Action. (DT20) → V...
- Research Workshops **Minutes** (DT21) also Milestone → V...
- Forum for Young Researchers (DT22) → V...
- Special Topic Sessions (DT23) → V...
- Interactive Seminars for Stakeholders (DT24) also Milestone → V...

# IV. WORK AND BUDGET PLAN

## A. Work and Budget Plan

**4<sup>th</sup> Grant Period 01-05-2021 until 26-10-2021**



**5<sup>th</sup> Grant Period 27-10-2021 until 26-04-2022**



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# IV. WORK AND BUDGET PLAN

## A. Work and Budget Plan

**4<sup>th</sup> Grant Period 01-05-2021 until 26-10-2021**



**5<sup>th</sup> Grant Period 27-10-2021 until 26-04-2022**



**Final Scientific Report**

**Final Financial Report**



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# V. NEW PROPOSALS



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# ENEC Our Success story!

## October 2017 – October 2021

**Team Work**

**Positive  
climate**

**Thank  
you All**

**Adequate  
Coordination  
& Leadership**

**Our Common  
Values**



European Network for  
Environmental Citizenship  
Cost Action CA16229

**cost**  
EUROPEAN COOPERATION  
IN SCIENCE & TECHNOLOGY



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# ENEC Our Success story!

## October 2017 – October 2021

### Our Common Values:



Vision



Positiveness



Respect



Transparency



Integrity



Excellence



Innovation



Inspiration



Enthousiasm



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# ENEC Our Success story!

## October 2017 – October 2021



Dear Andreas,

I have just received a good news that my project proposal (...) has received funding from the National Research Foundation (...). So in the coming years, I will continue my research (...), and continue my interest in Environmental citizenship! I want to thank you for including me in ENEC, a very good and very effective and very relevant and very current COST Action!



**European Network for  
Environmental Citizenship**  
Cost Action CA16229



# Many Thanks to all of you

Invited Speakers

Steering Committee

Management Committee

WG Leaders and Vice Leader

DB Committees Coordinator, Leaders and Vice-Leaders

ECI & STSM Coordinator and Vice Leader for Forum for Young Researchers

MC Members and Substitutes



**Action Chair**

**Dr Andreas HADJICHAMBIS, CYCERE, Cyprus**



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