



European Sustainable Energy Seminar

17-19 August, 2026

Venue: Nordic Folkecenter for Renewable Energy, Ydby, Denmark



Energy Literacy for Youth (ELY) training methods

Judit Szoleczky, INFORSE Europe



Presentation is part of Proceedings https://inforse.org/europe/seminar_2026_INFORSE-Europe_Denmark.htm



Swedish Society
for Nature Conservation



Latvijas Zaļā kustība
Latvian Green Movement



Naturvernforbundet
Friends of the Earth Norway



Eesti
Roheline
Liikumine
Estonian Green Movement-fOE



ECOHOME



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Nordic Council
of Ministers



OTWARTY



Erasmus+

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the European Union

Energy Literacy for Youth

Module 1 Climate Change

- I. Silent Discussion
- II. True or False
- III. Chicken Sandwich

Module 3 Climate Justice

- I. Who Emits What?
- II. Mapping: Global System
- III. Climate Inequality Walk
- IV. Climate Wars

Module 2 Energy ABC

- I. Energy Ball
- II. Energy Experiments
- III. Board Game: CO2 Footprint
- IV. LEGO Future Scenarios

Module 4 Active Citizenship

- I. Bingo: Organisations
- II. Role Play:
EU Climate Negotiations
- III. Participation Café



www.energyliteracyforyouth.eu

<https://inforse.org/europe/ELY-energy-literacy-for-youth.htm>



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**Energy Literacy for Youth
Climate & Renewable Energy**

In Denmark:

The ToT trainings were in 4 sessions (4.5-5 hours)

Each session covered one modul.

The dates were:

May 21, June 2, June 3, and June 18.

13 participants received a certificate

**Bangladesh
Colombia
Turkey /Kurd
Pakistan
Kenya
Ukraine
India
Bulgaria
Poland
Romania**

Contact:

- INFORSE-Europe, Aarhus

- Environment and Energy Centre, Høje Taastrup

E: ove@inforse.org

<https://inforse.org/europe/ELY-energy-literacy-for-youth.htm>

May 21, 2026



Energy Literacy for Youth Climate & Renewable Energy

Climate Change

Silent Discussion

True or False

Chicken Sandwich

Energy ABC

Energy Ball

- What are YOU doing for the climate?
- Which energy types?

Bangladesh
Colombia
Turkey /Kurd
Pakistan
Kenya
Ukraine
India
Bulgaria
Poland
Romania



May 21, 2026

Presentation of ELY

Presentation participants

Climate Change

Silent Discussion

True or False

(Chicken Sandwich %)

Energy ABC

Energy Ball

- What are YOU doing for the climate?
- Which energy types?



Energy Literacy for Youth Climate & Renewable Energy



May 21, 2026

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Climate Change

Silent Discussion

True or False

(Chicken Sandwich %)

Energy ABC

Energy Ball

- What are YOU doing for the climate?
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Energy Literacy for Youth Climate & Renewable Energy



May 21, 2026

Presentation of ELY

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Climate Change

Silent Discussion

True or False

(Chicken Sandwich %)

Energy ABC

Energy Ball

- What are YOU doing for the climate?
- Which energy types?



Energy Literacy for Youth Climate & Renewable Energy



June 2, 2026



Energy Literacy for Youth Climate & Renewable Energy

Energy ABC

Energy Ball (2)

- Energy types (green/black energy)

Energy Experiments

- Solar energy
- Wind energy
- Energy measurement
- Cooking

Board game: CO2 Footprint



June 2, 2026



Energy Knowledge for Youth Climate & Renewable Energy

Energy ABC

Energy Ball (2)

- Energy types (green/black energy)

Energy Experiments

- **Solar energy**
- Wind energy
- Energy measurement
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Board game: CO2 Footprint



June 2, 2026



Energy Knowledge for Youth Climate & Renewable Energy

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June 2, 2026



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- Wind energy
- **Energy measurement**
- Cooking

Board game: CO2 Footprint



Appliance	Power (W)	Energy (kWh)	Cost (€)
Light bulb (60W)	60	0.06	0.01
Light bulb (100W)	100	0.10	0.02
Refrigerator	100	1.00	0.15
Washing machine	2000	2.00	0.30
Dishwasher	1500	1.50	0.22
Electric kettle	1500	0.15	0.02
Electric heater	1000	1.00	0.15
Electric fan	50	0.05	0.01
Electric drill	1000	0.10	0.02
Electric saw	1500	0.15	0.02
Electric pump	1000	0.10	0.02
Electric fan (1000W)	1000	1.00	0.15
Electric fan (2000W)	2000	2.00	0.30
Electric fan (3000W)	3000	3.00	0.45
Electric fan (4000W)	4000	4.00	0.60
Electric fan (5000W)	5000	5.00	0.75
Electric fan (6000W)	6000	6.00	0.90
Electric fan (7000W)	7000	7.00	1.05
Electric fan (8000W)	8000	8.00	1.20
Electric fan (9000W)	9000	9.00	1.35
Electric fan (10000W)	10000	10.00	1.50



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June 2, 2026

Energy ABC

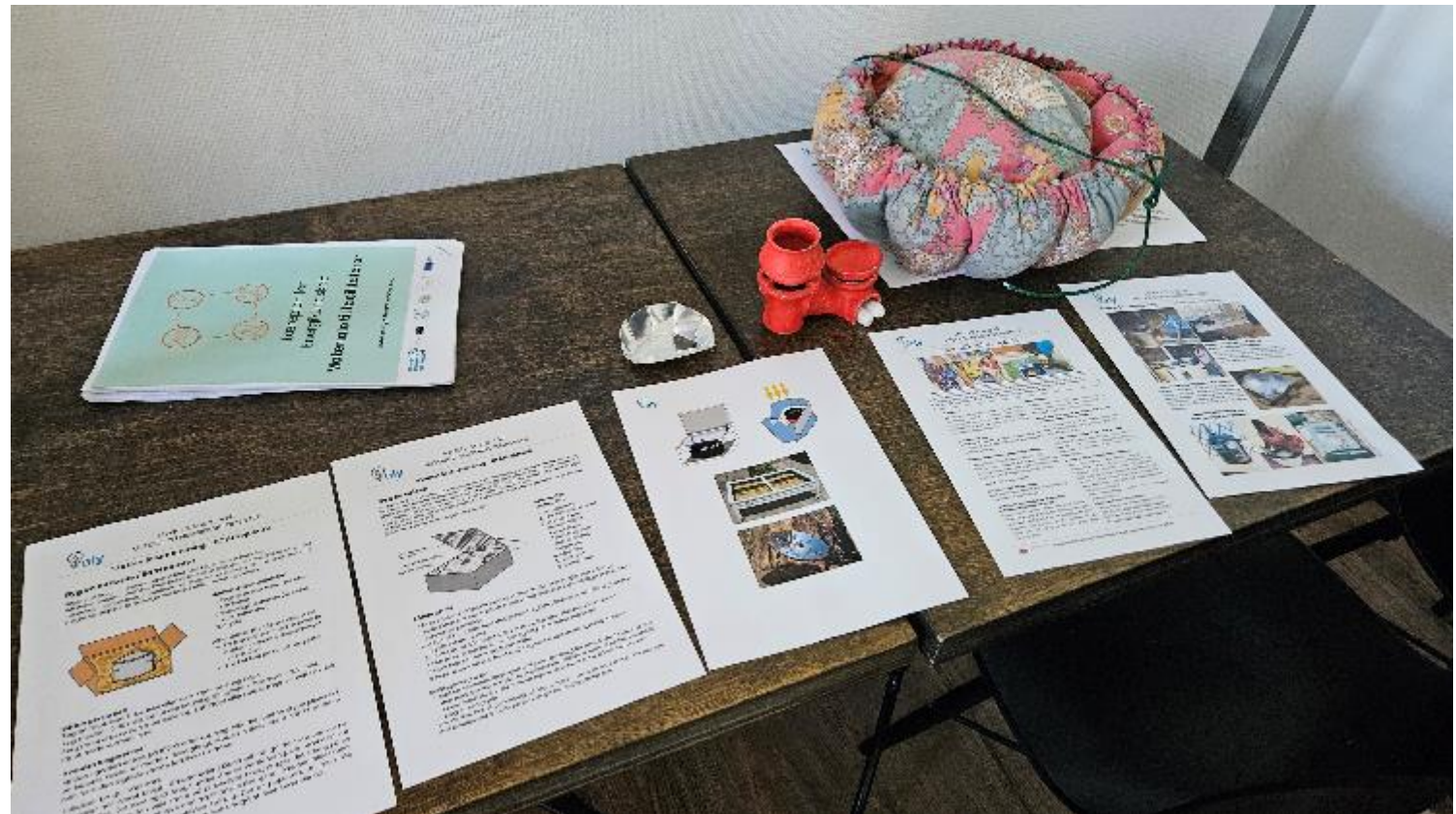
Energy Ball (2)

- Energy types (green/black energy)

Energy Experiments

- Solar energy
- Wind energy
- Energy measurement
- **Cooking**

Board game: CO2 Footprint



June 2, 2026



Energy Knowledge for Youth Climate & Renewable Energy

Energy ABC

Board game: CO2 Footprint



June 2, 2026



Energy Knowledge for Youth Climate & Renewable Energy

Energy ABC

Board game: CO2 Footprint



June 3, 2026



Energy Knowledge for Youth Climate & Renewable Energy

Climate Justice

**Who emits what?
Mapping of Systems
Hike in Climate Inequality
(Climate wars %)**



June 3, 2026



Energy Knowledge for Youth Climate & Renewable Energy

Climate Justice

Who emits what?

**Mapping of Systems
Hike in Climate Inequality
(Climate wars %)**

Kind	7
USA	1
Indien	12
Rusland	2
Japan	3
Indonesien	10
Tyskland	4
Brasilien	11
Polen	8
Frankrig	9
Nigeria	13
New Zealand	6
Danmark	5
Tanzania	14
Congo	15
Malta	(0)1



June 3, 2026

Climate Justice

Who emits what?

Mapping Systems

Hike in Climate Inequality (Climate wars %)

+ Who can solve problems?
4-corners



June 3, 2026



Energy Literacy for Youth Climate & Renewable Energy

Climate Justice

Who emits what?

Mapping Systems

Hike in Climate Inequality

(Climate wars %)

+ Who can solve problems?



June 18, 2026



Energy Literacy for Youth Climate & Renewable Energy

Active Citizenship

Bingo: Organizations

Roleplay:

EU's climate negotiations

Participation Café

Lego: Build the Future

Build the Change



June 18, 2026



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June 18, 2026



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June 18, 2026

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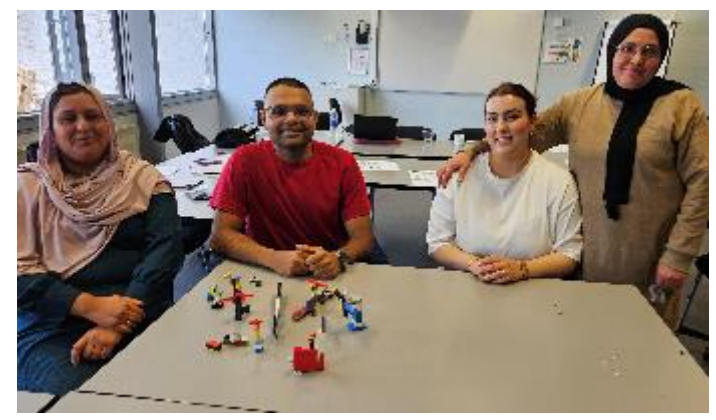
Participation Café

Lego: Build the Future

Build the Change



Energy Literacy for Youth Climate & Renewable Energy





Energy
literacy
for youth



Energy
literacy
for youth

Module 1
Climate Change ABC

Silent Discussion
True or False

Module 2
Energy ABC

Energy ball
Energy experiments
Board game: Your CO₂ footprint
LEGO: Build your future

Module 3
Climate Justice

Who emits what?
Mapping systems
Hike in climate inequality

Module 4
Active Citizenship

Bingo: Organizations
Roleplay: EU climate negotiations
Participation Café



INFORSE-EUROPE
International Network for Sustainable Energy

CERTIFICATE

Participant's name

Has participated
in
**Teacher course on climate and renewable
energy Energy Literacy for Youth**

held on May 21, June 2-3, June 18, 2026 in Høje Taastrup,

Date

18/06/2026

Denmark

Emil Viskum

Environment and Energy Office Høje
Taastrup
MEC-HT

Gunnar Boye Olesen

International Network for Sustainable Energy - Europe
INFORSE-Europe

INFORSE-EUROPE
International Network for Sustainable Energy

YEE
YOUTH AND
ENVIRONMENT
EUROPE

MigLAB
MIGRATION LAB
EUROPE

OTWARTY PLAN



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International Network for Sustainable Energy



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EUROPE



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<https://inforse.org/europe/ELY-energy-literacy-for-youth.htm>