

PROSEU webinar, 29th April 2020

# Energy Literacy – supporting Energy Inclusiveness?

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CONSENSUS 

 **newcomers**  
EXPLORING NEW ENERGY COMMUNITIES



OPEN EDUCATION  
for a BETTER WORLD



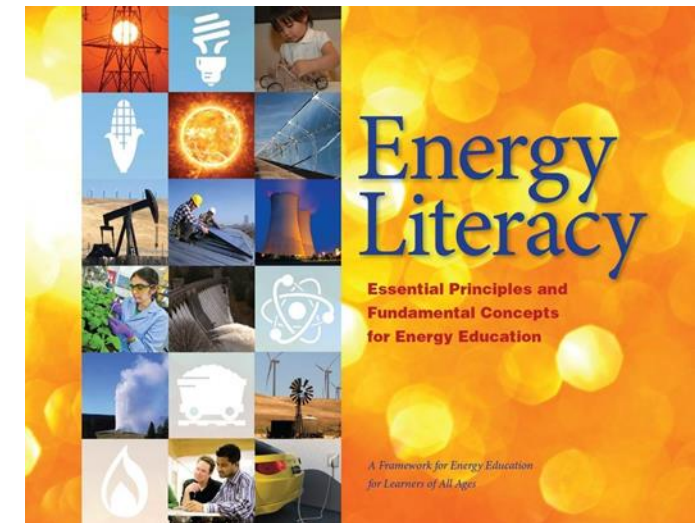
**EN**ergy **LITE**racy

# Agenda on Energy Literacy

- **Definition**
- **Theoretical framework (reflecting benefits)**
- **Two examples:**
  - **H2020 project**
  - **A (developing) energy –literacy global network**
- **Question(s)**

# Energy Literacy

Energy Literacy is an understanding of the **nature and role of energy** in the world and daily lives accompanied by the **ability to apply this understanding** to answer questions and solve problems.



Source: <https://www.energy.gov/eere/education/energy-literacy-essential-principles-energy-education>

# Energy Literacy Principles

1

Energy is a physical quantity that follows precise natural laws.



2

Physical processes on Earth are the result of energy flow through the Earth system



3

Biological Processes depend on energy flow through the Earth System



4

Various sources of energy can be used to power human activities, and often this energy must be transferred from source to destination.



5

Energy decisions are influenced by economic, political, environmental, and social factors.



6

The amount of energy used by human society depends on many factors.



7

The quality of life of individuals and societies is affected by energy choices.



## Energy Literacy Principles

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- 2** Physical processes on Earth are the result of energy flow through the Earth system. 
- 3** Biological Processes depend on energy flow through the Earth System. 
- 4** Various sources of energy can be used to power human activities, and often this energy must be transferred from source to destination. 
- 5** Energy decisions are influenced by economic, political, environmental, and social factors. 
- 6** The amount of energy used by human society depends on many factors. 
- 7** The quality of life of individuals and societies is affected by energy choices. 

## An energy-literate person:

- Can trace energy flows and think in terms of energy systems.
- Knows how much energy they use, for what purpose, and where the energy comes from.
- Can assess the credibility of information about energy.
- Can communicate about energy and energy use in meaningful ways.
- Is able to make informed energy use decisions based on an understanding of impacts and consequences.

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- 6 The amount of energy used by human society depends on many factors. 
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An international energy literacy network is developing around the SDG7 Hub of the OE4BW mentoring programme.



# OPEN EDUCATION for a BETTER WORLD

Goal 7:

Ensure access to  
affordable, reliable,  
sustainable and  
modern energy for all.



More information: <http://oe4bw.ijs.si/>

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