



# Social Learning Through Low Carbon and Green Economy Opportunities in Climate Action (SLATE)

## ONLINE WORKSHOP

### Topics

- Environment and Climate Change
- Circular Business Model
- Energy Transition
- Low Carbon Strategy
- Green Economy
- Green Skills

Date  
9 Dec 2022 to 16 Dec 22

Time  
16:30 - 19:30 CET

## Green Economy and Green Skills



### Partners



Co-founded by the  
Erasmus+ Programme  
of the European Union



# Agenda



Current Challenges



Green Economy Concept



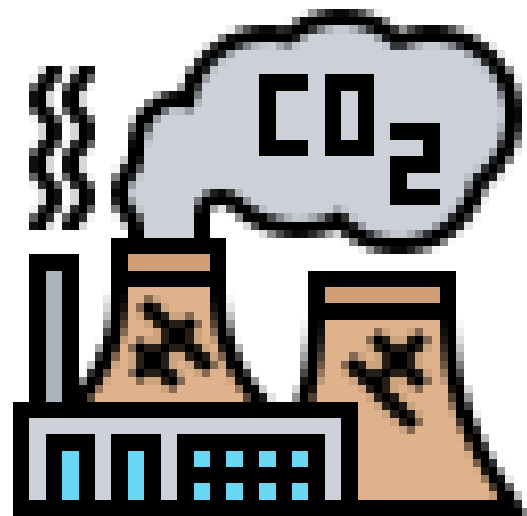
Green Economy Initiatives



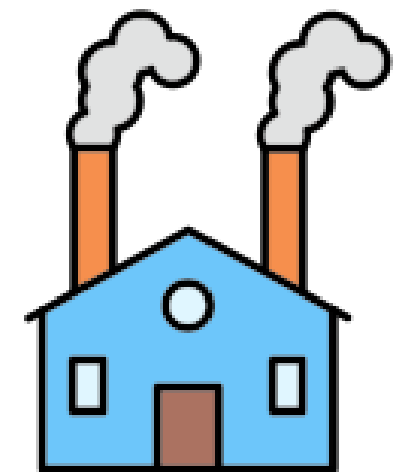
Need for Green Skills



Eco-Friendly Awareness

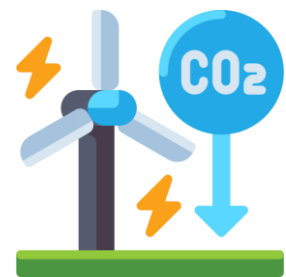


# Challenges

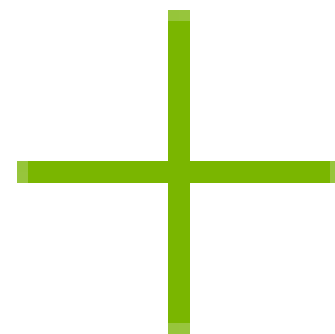


# What Is Green Economy?

A **Green economy** is defined as low carbon, resource efficient, and socially inclusive. In a green economy, growth in employment and income is driven by public and private investment into such economic activities, infrastructure, and assets that allow reduced carbon emissions and pollution, enhanced energy & resource efficiency, and prevention of the loss of biodiversity and ecosystem services (UNEP).



Lower Carbon Growth



Resource Efficiency



Social Inclusivity



THE GLOBAL GOALS

# A green economy is **not**



Coal oil gas  
burning



Petrol and diesel use



Cold and  
draughty house



Destroying Nature



Single use and  
throw away

# Green Economy is.....



Wind and solar  
power



Public transport and  
Electric vehicles



Energy efficiency  
home



Protecting  
Nature



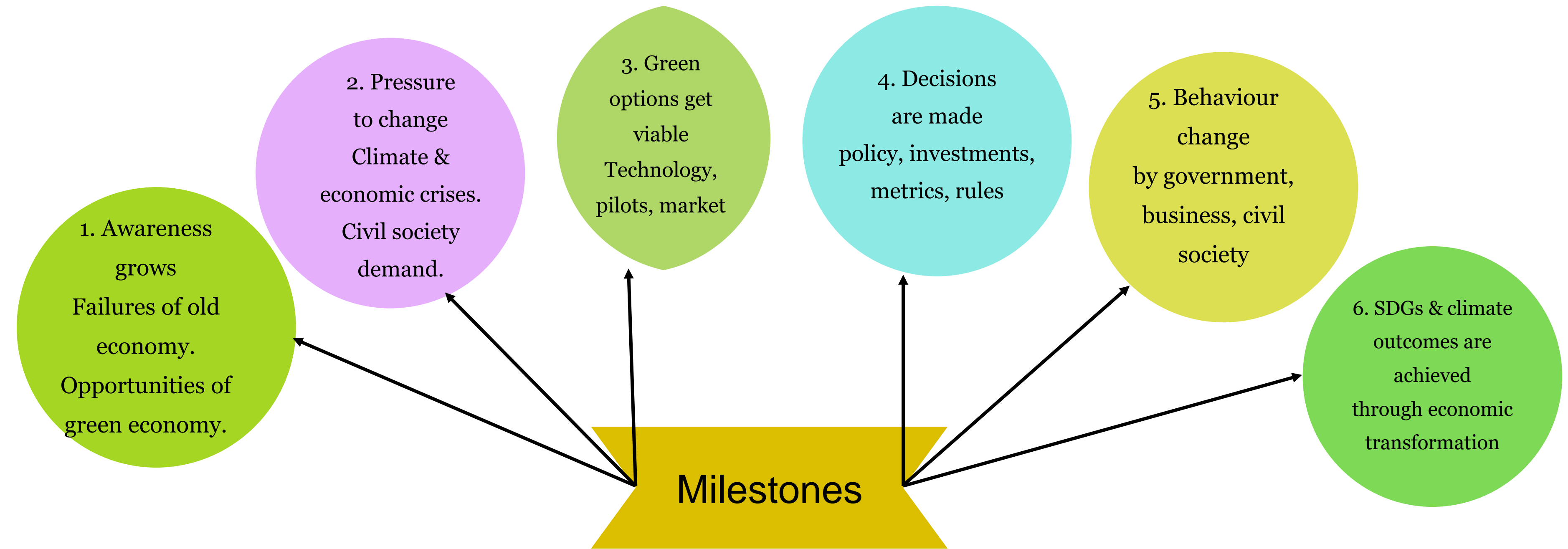
Circular Economy

# Five Principles of Green Economy

- 1. The Well-Being Principle:** The economy enables all people to create and enjoy prosperity
- 2. The Justice Principle:** The economy promotes equity within and between generations
- 3. The Planetary Boundaries Principle:** The economy safeguards, restores and invests in nature
- 4. The Efficiency and Sufficiency Principle :** The economy is geared to support sustainable consumption as well as sustainable production
- 5. The Good Governance Principle:** The economy is guided by integrated, accountable and resilient institutions

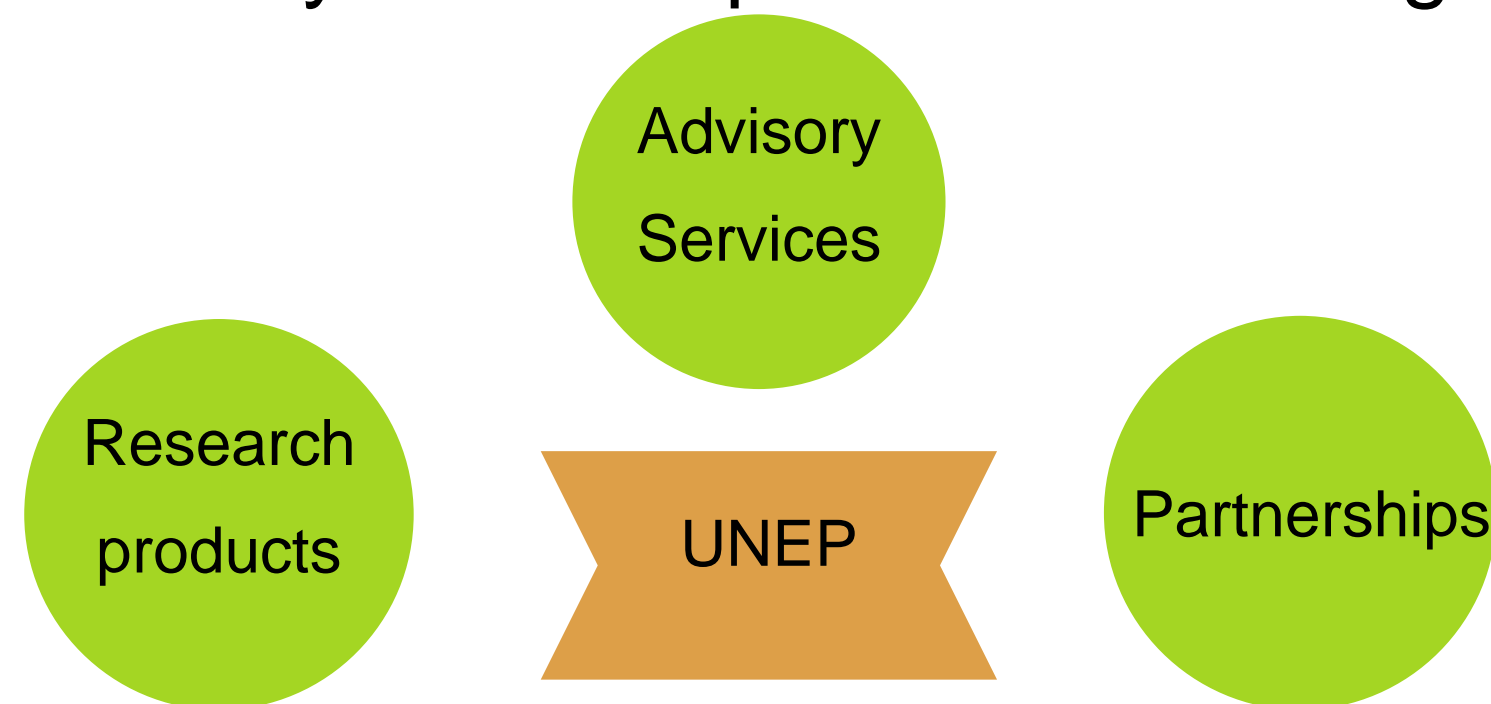


# National transition to an inclusive green economy – Pathways



# UNEP Green Economy Initiative (GEI)

- Launched in October 2008 – in collaboration with a wide range of partners - to motivate and enable governments to invest in green economies
- Three components of the GEI: producing research products, providing advisory services to UNEP Member States, and promoting partnerships
- Focused on the process of transitioning to a green economy – acknowledges that countries will take many different paths in achieving this objective





# Green Economy Report by (UNEP)

An in-depth analysis and guidance on economic contribution from investing in 11 green sectors:

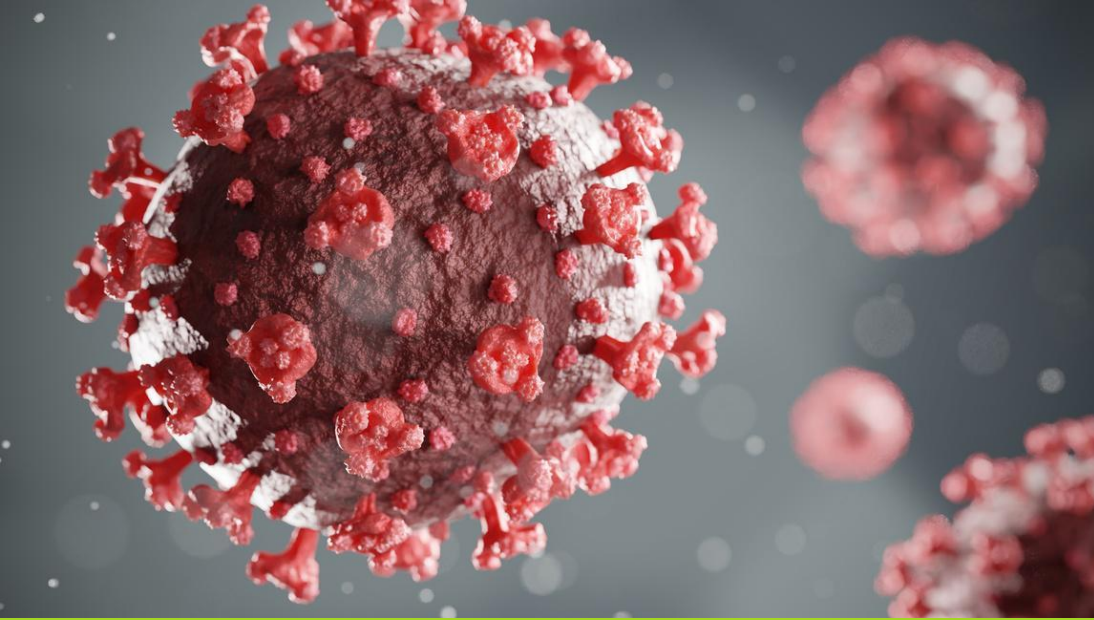
- Renewables
- Waste
- Industries
- Forests
- Transport
- Fisheries
- Buildings
- Agriculture
- Cities
- Tourism
- Water

Supported by innovative financing mechanisms as well as policy reforms:

- R&D
- Standards
- Training
- Education
- Green technologies
- Taxes
- Subsidies
- Trade
- Market access
- Pricing

# Five Trends Shaping the Green Economy

- Demand for green talent will soon outpace supply
- The hiring of green talent is accelerating faster than overall hiring.
- There's currently a good balance in the green skills that are needed.
- The fastest growing green skills are both mainstream and emerging.
- The volume of workers moving into green and greening jobs is too low.



## Ten Lessons The Coronavirus Has Taught Us About The Planet

1. Nature can rebound
2. Wildlife Trade must end to prevent future zoonotic diseases
3. The world should protect half the planet
4. Global supply chains can decarbonize
5. Adoption of the Circular Economy needs to accelerate
6. We are dependent on nature for novel medical treatments
8. Pollution is linked to human disease and coronaviruses
7. Rapid improvement in air quality is possible
9. Human hyper-connectivity carries higher risks
10. The Environment movement needs to renew itself

(Forbes, 2020)

Need For Green.....



# Green Skills

Green skills: are those that enable the environmental sustainability of economic activities



# Green Jobs

Green jobs: are those that cannot be performed without extensive knowledge of green skills



# Why Green Skills?

- Sustainable Development Goal 9 includes the target of upgrading infrastructure and retrofitting industries to make them sustainable, with increased resource-use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes by 2030.
- Sustainable Development Goal 12 includes the target of achieving sustainable management and efficient use of natural resources by 2030.



The transition to a low-carbon, resource-efficient economy requires systemic changes that will result not only in new products and services but also in changes in production processes and business models.

This greening of the economy will inevitably change the skills required and the tasks involved in many of the existing occupations.

# Green jobs across the sectors



Agriculture



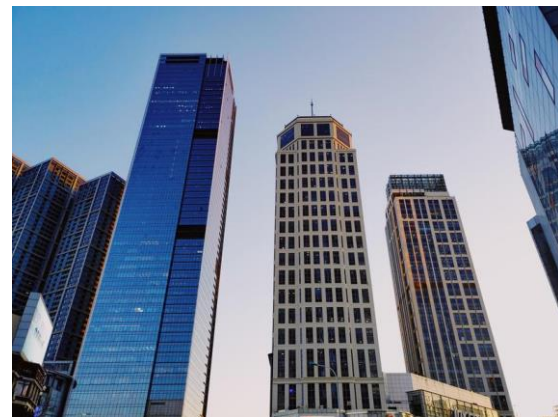
Manufacturing



Transport



Energy



Building



Tourism



Waste  
Management



Forestry

# Two main sets of Green Skills

- Engineering skills for the design and production of technology
- Managerial skills for implementing and monitoring environmental organizational practices
- Emerging new job skills





# Green Skills Application Categories

- Legislation, labeling, and certification
- Materials, water, and construction techniques
- Energy efficiency and renewable energy sources
- Project design and management
- Information and communication technology



# Green Occupations...

Initial vocational  
training in a  
vocational school

- Business assistant – environmental protection
- Technical assistant – regenerative energy techniques and management
- Technical assistant – renewable resources
- Environmental technical assistant



# Green Occupations...

Specialization

- Waste management officer
- Water pollution control officer
- Emission control officer
- Recycling specialist
- Environment auditor
- Environmental chemist
- Expert on environmental matters
- Environmental management officer
- Laboratory technician in environmental protection



# Green Occupations...

University studies

- Business management – environmental economy, Environmental resource management
- Geo ecologist
- Hydrologist
- Computer scientist – environmental informatics
- Mechanical engineer – regenerative energy techniques
- Engineer – environmental protection/environmental techniques
- Environmental scientist



# Eco-friendly awareness

Share your thoughts

Being eco / environmentally friendly simply means having a lifestyle that is better for the environment.

It's just taking small steps towards looking after the mother earth to make this planet a better place for our communities and generations to come.



# Three distinctive ECO friendly Categories

- The Eco-friendly Business
- The Eco-friendly Community
- The Eco-friendly Person



# How to be a eco friendly person?

1. Become more aware of Resources
2. Practice conservation
3. Plant trees
4. Conserve water
5. Go for renewable energy
6. Change to LED Bulbs
7. Cut down meat on your plate
8. Stop Food Waste
8. Change your travel habits
9. Use less Fuel based products

10. Use public transport
12. Buy local grown products
13. Reduce harmful chemicals
14. Use green cleaning products
15. Reduce, Reuse and Recycle
16. Try recycle products
17. Joint environment group
18. Protect wildlife
19. Get educated and educate others



# What's your idea to raise eco friendly awareness in your community?

Group Discussion

15 - 20 min

- Challenges you see in your community
- Probable solution/ actions
- Outcome of your solution



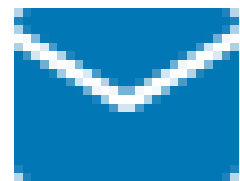
## Social learning through low carbon and green economy opportunities in climate actions

- Facilitate knowledge exchange about green economy opportunities in climate actions;
- Creation of handbook with best practices of climate change actions;
- E-Book is available on [www.sameconnects.com](http://www.sameconnects.com) platform.

# Thank YOU



Sabrina Ibrahim



Projectassistltd@gmail.com

