

CERTIFICATE OF PARTICIPATION

Summer School NAWA GTUA

Iryna Derevianko

Kharkiv National University of Radio-Electronics

Has successfully completed training in the areas:

- How to Create Happy City
- Green Business Models
- Green Project Management 1
- Green Project Management 2
- Additive Manufacturing (3D printing) as a Part of Digital And Green Transformation of Production
- Methodology for Counting the Carbon Footprint

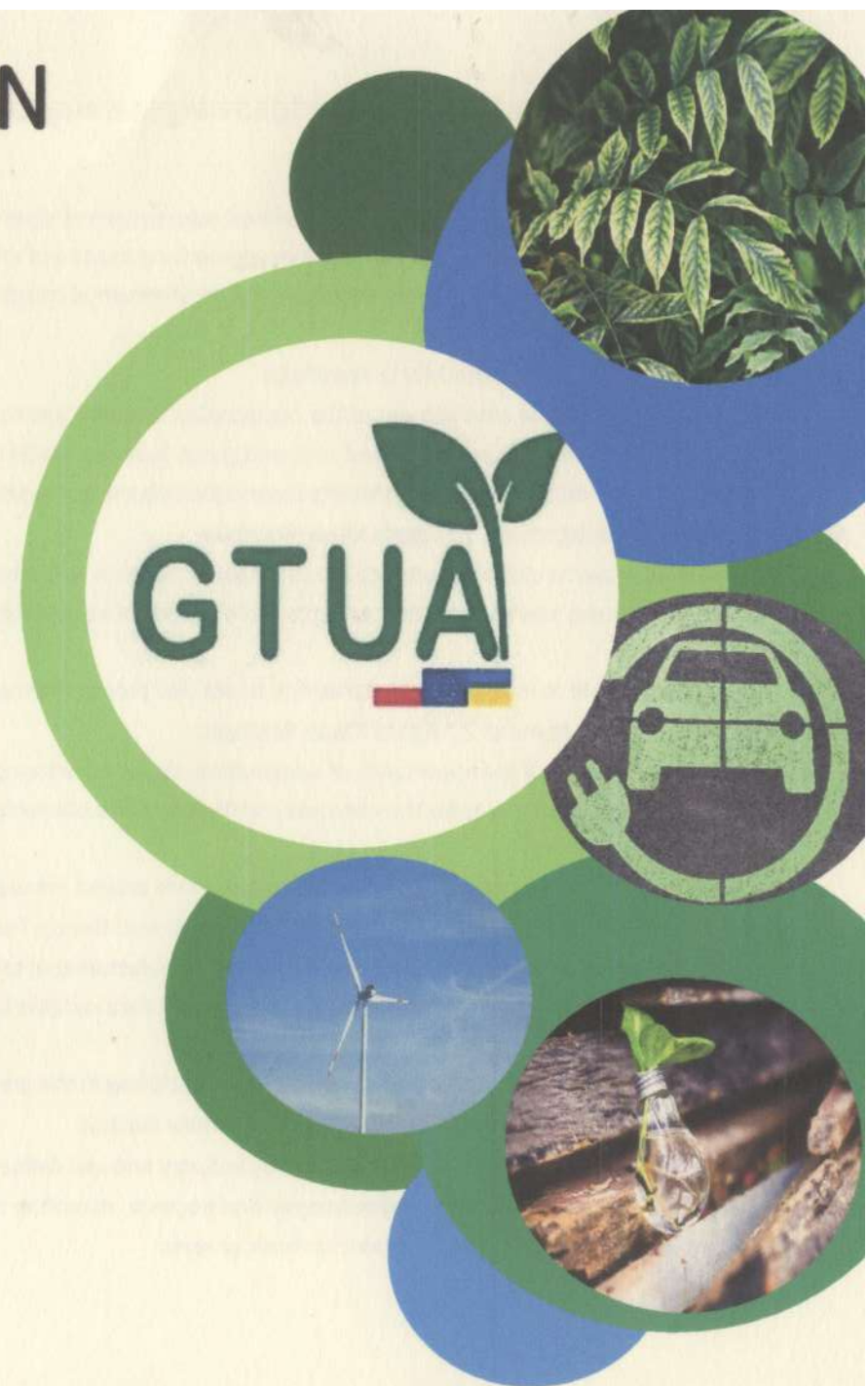
Organized in the framework of Project "Green Transition in Ukrainian Universities"

Project coordinator



Mariusz Mazurkiewicz

Issued by Wrocław University of Science and Technology



Holder of this certificate has achieved following learning outcomes

How to Create Happy City / Anna Brdulak

- The student is familiar with the concept and related assumptions of cities: resilient and smart ones.
- The student knows how to apply smart city management concepts and methods in practice when designing city spaces.
- The student knows the current socio-economic and environmental trends that affect the current directions of urban development

Green Business Models / Anna Maria Kamińska

- Student can analyze the environment of the organization including environmental changes
- Student knows how to prepare a context map and green business model canva.
- Student is prepared to include sustainability issues when planning a business

Green Project Management 1 / Agata Klaus-Rosińska

- The student is aware of the importance of sustainability issues in contemporary project management.
- The student knows how to apply the concepts and methods of sustainable project management, including the PRISM methodology.
- The student is able to incorporate sustainability issues into project management.

Green Project Management 2 / Agata Klaus-Rosińska

- The student is aware of the importance of sustainability issues in contemporary project management.
- The student knows how to apply the concepts and methods of sustainable project management, including Sustainable Management Plan.
- The student is able to incorporate sustainability issues into project management.

Additive Manufacturing (3D printing) as a Part of Digital and Green Transformation of Production / Iryna Smolina

- The student knows the benefits and limits of additive manufacturing in terms of green transformation.
- The student has a general understanding of which products are suitable for 3D printing (from the environmental point of view) and why.
- The student is aware of the potential of additive manufacturing in the green transformation of modern production companies.

Methodology for Counting the Carbon Footprint / Anna Woźna

- Student is aware of carbon footprint produced by industry and can define what are the components of emissions
- Student is aware about different methodologies and norms to count the carbon footprint
- Student is able to count carbon footprint for basic process

