Erasmus+/ KA2 Strategic Partnership project
Project N° 2019-1-BG01-KA202-062298

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

TRAINING PROGRAM FOR SMART DISRUPTIVE INNOVATION

INTRODUCTION

TO THE TRAINING PROGRAM

FOR

SMART DISRUPTIVE INNOVATION

TABLE OF CONTENTS

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

MAIN OBJECTIVES OF THE TRAINING PROGRAM

✓ Hands-on experience

✓ Interactive

✓ Innovative

✓ Comprehensive

✓ Development of skills

SMART
TECHNOLOGIES BY DESIGN

MAIN OBJECTIVES OF THE TRAINING PROGRAM

SMART BY DESIGN DEVELOPED A NEW TRAINING ROGRAM COVERING:

the key topics of

interdisciplinary knowledge across technology, social sciences

and management disciplines.

LEARNING OUTCOMES

01 **To understand** what makes a smart city "smart" and drive smart solutions.

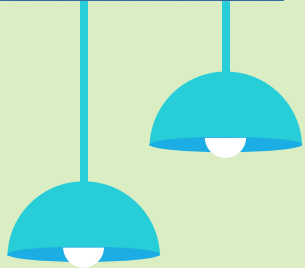**02** **To recognize** the benefits of design thinking for digital and smart city transformation

03 **To apply** new management, business and digital skills

04 **To use** new methods, tools, canvases and other templates and approaches.

TARGET GROUPS

SME decision makers:

- managers and
- owners of smart city technology businesses

Trainers in business and technology

Companies who **are** and **want to be** "smart innovators"

VET trainers

OVERVIEW OF THE TRAINING MODULES

SMART CITY & DISRUPTIVE TECHNOLOGIES

- What makes a smart city "smart"?
- Digital Urban Transformation
- Digital Smart Cities

BUSINESS MODELS

- Digital models and new business spaces
- Disrupting established market sectors

INNOVATION

- Innovate or die
- Design Thinking
- Open Innovation

INTRAPRENEURSHIP

- Ask the right questions
- Identify business opportunities
- Entrepreneurial mindset
- Lean and Agile methodologies

OVERVIEW OF THE TRAINING MODULES

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

Design Thinking skills: changing your mindset

Transversal skills: not specifically related to a particular job, task, academic discipline, or area of knowledge

Disruptive technology skills: digital transformation of the cities and businesses

Intrapreneurship skills: the mindset of an Entrepreneur within existing company

TRAINING MODULE 1
SMART CITIES AND DISRUPTIVE TECHNOLOGIES

- ✓ **AI AS VALUE CREATION TOOL**

- ✓ **CYBERSECURITY**

- ✓ **DATA AS FOUNDATION TO THE SMART CITY**

- ✓ **REAL TIME EVERYTHING - INTERNET OF THINGS**

- ✓ **ROBOTS AND DRONES**

- ✓ **UX DESIGN**

TRAINING MODULE 2
BUSINESS MODELS

- ✓ **DIGITAL BUSINESS FOR DIGITAL ECONOMY**

- ✓ **PLATFORM ECONOMICS**

- ✓ **BUSINESS MODEL PATTERNS**

TRAINING MODULE 3 INNOVATION

- ✓ **WHAT IS DESIGN THINKING**

- ✓ **DESIGN THINKING – 5 STAGES**

- ✓ **DESIGN THINKING IN PRACTICE**

- ✓ **DESIGN THINKING: APOCALYPSE**

TRAINING MODULE 4
INTRAPRENEURSHIP

✓ **ASK THE RIGHT QUESTIONS TO IDENTIFY BUSINESS OPPORTUNITIES**

✓ **E(i)NTREPRENEURIAL MINDSET**

✓ **LEAN METHODOLOGIES**

✓ **AGILE METHODOLOGIES**

ORGANISATION OF THE TRAINING SESSIONS

- ✓ Form a group of up to 10 people

- ✓ Form teams of 3-4 people for the group exercises

- ✓ Let people get to know each other, exchange ideas and experience throughout the sessions especially when they are from different organizations

- ✓ Keep the sessions short

- ✓ Prepare online tools and applications to be used

- ✓ Plan self-preparation and blended learning

- ✓ Develop plan "B" for distance learning for the whole training

GUIDELINES FOR IMPLEMENTATION

START WITH AN ICE-BREAKER, GAMES AND EXERCISES TO LET PARTICIPANTS FEEL COMFORTABLE

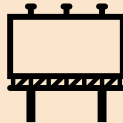**AND GET THEM TO KNOW EACH OTHER SINCE THE FIRST DAY/HOUR**

FOR ALL ACTIVITIES ASK THE FOLLOWING QUESTIONS

⏱	**How long will the activity take to do?**
🎯	**What are the goals of the activity?**
🪧	**What is involved?**
📄	**What do we need to do this activity?**
▶	**How do we do this activity?**

Plan time for discussions and experience sharing!

Ask questions?

Review of the sessions

There is a review after each session to provide a recap and confirm lessons learnt by the participants

Reflect on the session

- ✓ **What did you learn today?**

- ✓ **So what? Is it important? What does it mean for you?**

- ✓ **What next? How will you apply what you have learnt?**

WHAT'S NEXT

- ✓ **Plan the next steps and sessions according to the schedule and the common goals of the group.**

- ✓ **Modify whenever necessary.**

LET'S GET STARTED!!!