

### ENHANCING THE SCIENTIFIC CAPACITY OF TUBITAK MRC IN THE FIELD OF SMART **ENVIRONMENTAL TECHNOLOGIES FOR CLIMATE CHANGE CHALLENGES**



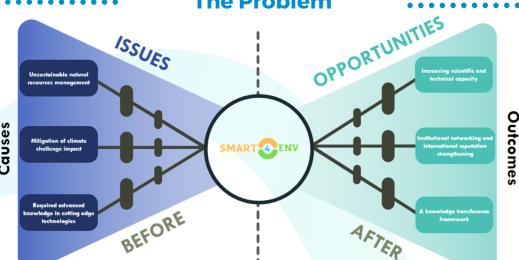
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## The Approach

### UPSCALING THE CAPACITY OF ERs & ESRs (WP2)

 $\begin{array}{ll} \textbf{Defining} & \textbf{actors/practices/policies} \rightarrow & \textbf{Design} & \textbf{research} & \textbf{programme} \rightarrow \\ \textbf{Summer} & \textbf{schools} \rightarrow & \textbf{Workshops} \rightarrow & \textbf{MOOCs} \\ \end{array}$ **INNOVATION MOBILITIES FOR EXCELENCE (WP3)** 

### SUSTAINABILITY ACTIONS TO STEP-UP AND CONTINUOUSLY GROW **EXCELLENCE (WP5)**

CDP → Promotional kit → Campaigns

→ Monitoring → Outreach activities Spreading excellence action plan

**DISSEMINATE & COMMUNCIATE (WP6)** 

Sustainability strategy— Clustering and synergies— New research avenues→ Governmental support extension services→ Platform for interdisciplinary

 $\begin{array}{lll} \text{Mobility} & \text{programme} {\rightarrow} & \text{Specialized} & \text{trainings} {\rightarrow} \\ \text{Intensive trainings} & {\rightarrow} & \text{On-site trainings} \\ \end{array}$ 

linkages

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### **UPGRADING TUBITAK TOWARDS CENTRE OF EXCELLENCE (WP4)**

 $\textbf{Analysis} {\rightarrow} \textbf{Upgrading} {\rightarrow} \textbf{Strengthening}$ 

## **The Aims**

Increasing scientific and technical capacity of TUBITAK MRC related to SES through collaboration with internationally leading institutions (UNIVPM, UVIC, NMBU and SITES) by implementing a multidisciplinary and specialized capacity building activities to foster human capital developmen and research excelle



Developing a knowledge transference framework of TUBITAK MRC and linked stakeholders to jointly develop excellent R&I in SES through new research avenues, skills, and competences to foster results exploitation





To support TUBITAK MRC's institutional networking and international reputation by strengthening collaboration with internationally leading institutions in SES through a series of activities to facilitate the access to international networks, promoting awareness-raising campaigns and stakeholders engagement processes

((**b**))

Increasing the knowledge of national stakeholders on available SES, promoting their use, enabling application of innovative approaches and solutions, sharing knowledge and best practices, disseminating research results and technology to address climate change challenges, focused or project target groups at vertical/horizontal levels

# **Target groups**

## Researchers, innovators, entrepreneurs

(**b**) Media Especially at EU and TCs (e.g. public and private research actors including universities, research centers, R&D units in private companies). publication editors, also interested in the





## **Multiplier agents**

EC support services (Common Exploitation Booster, Common Dissemination Booster or Innovation radar) or platforms, i.e. EEN to amplify project outputs and outcomes.

project results

## Industrial players



from research such as trade unions, users' associations and SMEs



Public Administrations Responsible of EU-TCs research at

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markets, job creation potential, sustain attractiveness for investors and entrepreneurs facilitate public-private cooperation

through appropriate investments



regional/national/local level, engaged in policy design/orientation/ implementation/evaluation of wine industry value chain

# Other projects



# **Capacity building**

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SMART ENV

### **SKILLS** INTERDISCIPLINARY Improved skills of individuals (Grant writing, Knowledge transfer issues, Ethics and legal aspects, Cultural integration, Entrepreneurship Stimulating interdisciplinary research, mobility and networking within wine value chain **SYNERGIES SDGS** Creation of new synergies for Sustainable development approach efficiently at EU level and international cooperation SDG3 SDG4 SDG6 **ACCEPTANCE** SDG13 Increase acceptance of new technologies that

# **Expected Outputs**



Decause of generate know-how to digital/smart technological solutions for environment through a scientific roadmap with 4 new research avenues; 6 new skilled professionals; 3 multidisciplinary and 10 scientific on-site trainings; specialized trainings for 15 ERs and 5 ESRs; 6 SES examples as use cases that facilitate patent applications.

Enhanced networking widens the participation to EU projects and consortiums through 3 collaboration agreements with key research international stakeholders, increasing gathered competitive funding with 3 international and 3 national projects in pipeline/submitted and +3 EU/international competitive research funding competed



Fostered linkages and cooperation with regional private sector through 5 collaboration agreements and 2 new memberships, that together, with 1 online platform to enhance interdisciplinary linkages on SES, improving both international and national outreach and engagement of SES R&I stakeholders









