

# TWINNING TOWARDS ADVANCED ANALYTICAL STRATEGIES FOR CAPACITY BUILDING AND INNOVATION FOR THE TUNISIAN ECONOMY: APPLICATION TO THREE INDUSTRIAL KEY SECTORS IN TUNISIA















#### **TUNTWIN Specific Objectives**

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**SO1:** To increase research excellence of INRAP in analytical techniques related to mass spectropy

**SO2:** To support INRAP's scientific and technical networking with outstanding research institutions

**SO4:**To improve quality value commercial offer around a platform of analytical services to Tunisian and North African stakeholders

**SO3:**To develop a sustainable knowledge transfer framework with Eu partners





#### **TUNTWIN Events - 2021**

Event	Date	Place	Indicator
Visit of primary school	28 may 2021 04 juin 2021	1- Ecole privé (Snabel Al Amal) 2- Ecole primaire Ariana	Number of visitors : site internet <a href="https://www.number.com/">TUNTWIN.org</a>
Open day	28 september 2021	INRAP	+60 participants
Researchs' night	06 octobre 2021	INRAP	+150 participants
Stakeholder's event	15 november 2021	Sheraton Tunis	+80 participants
Exploratory Workshop1 (Providing research training in science, RRI, IPR, open access, entrepreneurship, project formulation)	16,17,18 novembre 2021	Sheraton Tunis	20-25 participants
MOOCS: Basis and potential routine applications of Isoptope Dilution Mass Spectrometry	14 décembre 2021	En ligne	+30 Pariticipants





# Visit to primary schools











As part of the program of the European project several visits to the primary secondary school and to the beach will be scheduled, The objective of these visits is to raise awareness among young people about the protection of the environment, agri-food and health.

**Visit to Primary Schools** 





# Statistic of visites of TUNTWIN link, Juin-Juillet 2021

Résumé <b>09/07/</b> 2	2021 🕹	^ ~
Utilisateurs en ligne:	O	
	Visiteurs	Visites
Aujourd'hui:	18	31
Hier:	19	85
Last 7 Days (Week):	141	448
Last 30 Days (Month):	267	934
Last 365 Days (Year):	267	934
Total:	267	934







# Research night

#### **Objectives**: popularization of Science:

- Science for children, young people (high school and university students), the general public
- Through this event: The visibility of INRAP was increase
- +150 people
- + 50 children



#### Research night 06 october 2021





# **Research Night**

















#### Stakeholder's event

Goals: the event aims to create an environment of transnational cooperation and to develop a framework for sustainable cooperation in the field of research,

Strengthen national and international networking to consolidate the sustainable expertise of Tunisian scientists.







Stakeholder's event





# **Mediatic dessimination of TUNTWIN Project**

#### Link to mediatic communication of TUNTWIN project

Intervention du consortium TUNTWIN Rtci

<u>Intervention Consortium Radio Nationale tunisienne</u>

Intervention consortium Oxygene Fm

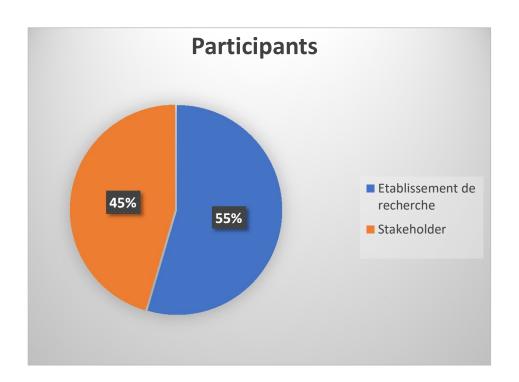
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## Stakeholder's event













#### **TUNTWIN Project** «Exploratory Workshop (EW1)»

**Programme** 

"Providing research training in science, RRI, IPR, open access, entrepreneurship, project formulation"

November 16 to 18, 2021

Tuesday November 16th	1st session: Contribution of the consortium	Speakers
9H00-9H30	Solid speciation with synchrotron radiation techniques (UAB )	Dr. Roberto Boada/UAB
9H30-10H00	Organic analyses in the environment, health and agrifood fields	Dr. Hervé Casabianca/Emmanuelle Vulliet/ (ISA)
10H00-10H30	Nanoparticle analyses and speciation	Dr. Fabienne Seby/ Véronique Vacchina/ (UT2A)
10H30-11H00	Isotope analyses and imaging	Mr. Olivier Donard/(IPREM)
11H00-11H45	Coffee break	
11H45-12H00	Contribution of light isotopes in the fields of the environment and agrifood products	Pr. Nives Ogrinc/professor at Jožef Stefan Institut (IJS)
12H00-13H00	Transferring Science to business: example of PULSALYS, TTO & incubator	Mr. Benoit Martin/ PULSALYS
<mark>13H</mark> 00-14H30	Lunch	
7	2nd session : IPR & RR	
14H30-15H.30	Proximity support from research laboratories to R&I setting up projects at the CNRS	Mr. Denis Duplat/(CNRS) (Visio)
15H30-16H30	Principe and Concepts of Responsible Research and Innovation (RRI)	Dr. Hervé Casabianca/ (CNRS)
Wednesday November 17th	3rd session: Project's formulation	
9H.00-10H00	Project's formulation	Dr. Gustavo Perez/Roberto Boada/(UAB) ( Visio/présentiel)
10H00-11H00	Project's formulation	Dr. Gustavo Perez/Roberto Boada/(UAB) ( Visio/présentiel)
11H00-11H30	Coffee break	
11H30-13H00	Project's formulation / Project's drafting	DR. Gustavo Perez/Roberto Boada/(UAB) ( Visio/présentiel)
13H00-14H30	Lunch	

















# TUNTWIN Project «Exploratory Workshop (EW1)»



November 16 to 18, 2021

"Providing research training in science, RRI, IPR, open access, entrepreneurship, project formulation"

Wednesday November 17th	4th session : Project's drafting	Speakers
14H30-15H30	Drafting of projects	Dr. Gustavo Perez/Roberto Boada /(UAB) Visio/présentiel
15H30-16H30	Drafting of projects	Dr. Gustavo Perez/Roberto Boada /(UAB) Visio/présentiel
	Project reporting, financial justification  Workshop organized on Sunday 14th and Monday morning in a parallele session with the adminsitrative personnel in charge of the european projects and TunTwin in particular	Mrs. Kheira Hamidi / UPPA (France) Présentiel
Thursday November 18th	5th session: Entrepreneurship, Open access and Data management	
9Н.00-9Н30	Partenariat Public - Privé : exemples de structuration et financement, à l'échelle locale et nationale	Pr. Christophe Dérail / Dir. LabCom LERAM UPPA/URGO, UPPA (France)Visio
9H30-10H00	Experience in Slovenia	Pr. Aleksander Zidansek/(IJS)
10H00-11H00	Open access/Data management / backup	Dr. Roberto Boada/(UAB) / Radhia Souissi/(INRAP) ( présentiel)
11H00 - 11H30	Coffee break	
11H30-13H00	Round table: experience of partners	
13H00-14H30	Lunch and closing of the EW1	













# Exploratory Workshop1 (Providing research training in science, RRI, IPR, open access, entrepreneurship, project formulation)

Gools: Capacity buillding of INRAP staff

Day 1: Chemical Analyses

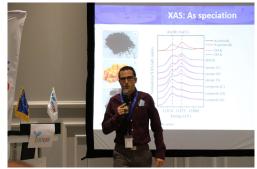
Day 2: Project Formulation

Day3: Entrepreurship, Open Access, Public Private

Partenership







EW1: Open access, IPR, RRI, project formulation, entrepreneurship





## **Massive Open Online Course MOOCS 1**

## Basis and potential routine applications of Isotope Dilution Mass Spectrometry

#### Pablo Rodríguez-González

Enriched Stable Isotopes Research Group Department of Physical and Analytical Chemistry, University of Oviedo (Spain)

This course will be focused on the basic concepts of Isotope Dilution Mass Spectrometry (IDMS) in elemental, organometallic and organic analysis. The course can be considered as a first approximation for students/researchers/technicians to IDMS. Applications of IDMS will be also explained showing the advantages and limitations of this calibration strategy when implementing new routine methods.

Tuesday, 14th December 2021: 10:00 to 12:00







#### Contacts

#### **Contacts**

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