DIVE IN

INFOPACK

TRAINING FOR TRAINERS ON CITIZENS SCIENCE

Udine, 22nd - 26th of May 2023

CITIZENS SCIENCE

Citizen science is a collaborative approach to research that involves non-professional volunteers or the general public in scientific investigations. These volunteers, often referred to as citizen scientists, participate in various aspects of the research process, such as data collection, analysis, or problem-solving.

Citizen science projects can cover a wide range of disciplines, including environmental monitoring, astronomy, biodiversity, and public health. The goals of these projects are diverse, ranging from advancing scientific knowledge to addressing specific community concerns or engaging the public in scientific literacy and environmental stewardship.

Citizen science projects often leverage the power of the crowd, utilizing large numbers of volunteers to collect and analyze vast amounts of data. This approach can help scientists tackle large-scale research questions and generate results more quickly and efficiently. Additionally, citizen science promotes public engagement with and understanding of scientific processes, fostering a deeper appreciation for the role of science in society.

ABOUT THE PROJECT

The starting point of DIVE IN project is the concept of citizen science, in which partners see an opportunity and a useful tool to encourage young people to easily engage in monitoring the state of the nature and social phenomenon. With the citizen science, together with young people we want to challenge the environment to encourage social change. Through active participation in science, young people become empowered to take on a key role in their own development as well as community development. With the concept of citizen science, we offer the youth field a new concept that will qualitatively complement and upgrade the existing work of the youth work field in the process of strengthening democratic participation and autonomy (9th youth goal of EU Youth Strategy 2019 - 2027). The project will provide youth workers, youth trainers and the youth work field with tools that will help them design programs and enable the quality introduction of citizen science in their organizations.

ABOUT THE TRAINING

The training for trainers in youth work in the field of citizens science will be a training aimed at 20 trainers in youth work, whom we will empower to work with the concept of participatory science. It will be an experiential experience how to turn every kitchen into a laboratory, how to engage young people and how to bring science closer to them in gamified, interesting approach.

Duration: 5 days / 6 nights, 22nd - 26th of May 2023, Udine
Participants: 20 people
4 partners from Italy, Belgium, Croatia and Slovenia

Participant profile:
- Trainers who are already experienced trainers in youth work and would like to upgrade their knowledge with the concept of citizens science
- Youth workers
- Leaders of organizations

Draft schedule of the training

SUNDAY, 21ST OF MAY

ARRIVALS

MONDAY, 22ND

9:30 - 11:00 GETTING TO KNOW EACH OTHER

11:00-11:30 BREAK

11:30 - 13:00 PLAYGROUND OF CITIZEN SCIENCE - WHAT IS IT?

13:00-15:00 LUNCH

15:00-16:30 PLAYGROUND OF CITIZEN SCIENCE - DIVING DEEPER

16:30-17:00 BREAK

17:00-18:30 LEARNING BAZAAR
18:30-20:00 DINNER

TUEDSAY, 23RD

9:30 - 11:00 HEDY LAMAAR - WHO WAS SHE AND HOW SHE CAN SERVE AS AN INSPIRATION

11:00-11:30 BREAK

11:30 - 13:00 DIY TINKERING SPACE - HOW TO TRANSFORM EVERY SPACE INTO LAB?

13:00-15:00 LUNCH

15:00-16:30 ENVIRONMENT MICROBIOME ANALYSIS

16:30-17:00 BREAK

17:00-18:30 LEARNING BAZAAR

18:30-20:00 DINNER

WEDNESDAY, 24TH

9:30 - 18:00

SIGHT VISITS TO TRIESTE

Draft schedule of the training

THURSDAY, 25TH OF MAY

9:30 - 11:00 BASIS OF SYSTEMS THINKING & DESIGN

11:00-11:30 BREAK

11:30 - 13:00 UNDERSTANDING AND PLAYING WITH ARDUINO

13:00-15:00 LUNCH

15:00-16:30 MICROENVIRONMENT IN A BOTTLE (OPEN & CLOSE SYSTEMS)

16:30-17:00 BREAK

17:00-18:30 LEARNING BAZAAR

18:30-20:00 DINNER

FRIDAY, 26TH OF MAY

9:30 - 11:00 DESIGN YOUR STEAM PROJECT

11:00-11:30 BREAK

11:30 - 13:00 DESIGN YOUR STEAM PROJECT

13:00-15:00 LUNCH

15:00-16:30 PRESENTATION OF THE PROJECTS

16:30-17:00 BREAK

17:00-18:30 LEARNING BAZAAR

18:30-20:00 DINNER

Where we will stay?

HOTEL SAN GIORGIO (PIAZZALE CELLA 2, UDINE)

There will be bed.
You will stay in twin rooms. Everything is reserved in your name, so just check in once you arrive at the hotel.

There are towels.
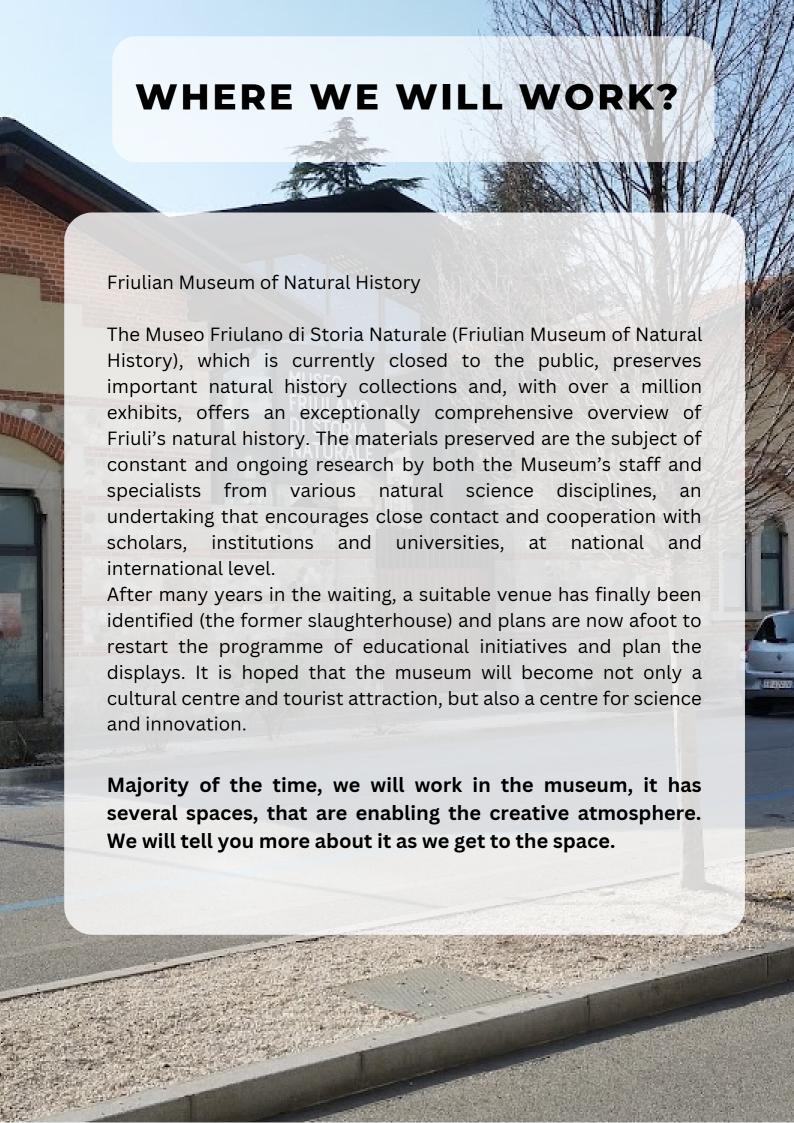Everyone will receive small and big towels

There is internet.
There is a Wi-Fi internet connection in the hotel.

There will be food.
During the programme you will be provided with 3 meals (breakfast, lunch and dinner).

WHERE WE WILL WORK?

Friulian Museum of Natural History

The Museo Friulano di Storia Naturale (Friulian Museum of Natural History), which is currently closed to the public, preserves important natural history collections and, with over a million exhibits, offers an exceptionally comprehensive overview of Friuli's natural history. The materials preserved are the subject of constant and ongoing research by both the Museum's staff and specialists from various natural science disciplines, an undertaking that encourages close contact and cooperation with scholars, institutions and universities, at national and international level.

After many years in the waiting, a suitable venue has finally been identified (the former slaughterhouse) and plans are now afoot to restart the programme of educational initiatives and plan the displays. It is hoped that the museum will become not only a cultural centre and tourist attraction, but also a centre for science and innovation.

Majority of the time, we will work in the museum, it has several spaces, that are enabling the creative atmosphere. We will tell you more about it as we get to the space.

UDINE

is a city and the historical capital of the Friuli-Venezia Giulia region in northeastern Italy. It is located between the Adriatic Sea and the Alps, close to the borders of Slovenia and Austria. With a population of around 100,000, Udine is a vibrant and charming city that offers a mix of history, culture, and modernity.

RICH HISTORY

Udine has a rich history that dates back to Roman times, and its historical center is characterized by beautiful squares, such as Piazza Libertà and Piazza Matteotti, as well as numerous architectural gems, including the Loggia del Lionello, the Clock Tower, and the Cathedral of Santa Maria Annunziata.

FRICO, GUBANA, CJARSONS

Udine has a thriving culinary scene, with Friulian cuisine known for its unique blend of Italian, Slavic, and Austrian influences. Local specialties include frico (a cheese and potato dish), cjarsons (sweet and savory filled pasta), and gubana (a traditional pastry filled with nuts and dried fruits).

Please apply <u>here</u> by 15th of May 2023

If you need more information, you can contact maja.drobne@pina.si.