



GREEN ROUTES | VOLOS

*Learning about sustainable trends in European cities
and promoting sustainable solutions in urban areas*



Green Routes

Erasmus+ Project Key Action 2: Cooperation for Innovation
n. 2020-1-DE02-KA204-007652



The European Commission's support for the production of this publication does not constitute an endorsement of the contents, which reflect the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

Table of Content

<i>How to use the guide?</i>	4
<i>Green Routes</i>	5
<i>Green Routes University of Thessaly in Volos</i>	7
<i>N. & S. Tsalapatas Rooftile and Brickworks Factory</i>	10
<i>University of Thessaly, Polytechnic University</i>	12
<i>Psaradika – Fish market</i>	13
<i>Green Family</i>	16
<i>Anavros Beach</i>	18
<i>The Papastratos Central Building</i>	19

How to use the guide?

This guide is accompanied by an Augmented Reality APP: “green routes” which can be downloaded from the Green Routes website at the link: <http://greenroutes.eu>.

After download, open the app select the corresponding city from the menu and frame the photos, to access extra multimedia content.

Green Routes

Learning about sustainable trends in European cities

The deteriorating state of the natural environment, the number of species of flora and fauna threatened with extinction and, last but not least, the accelerating rate of climate change are real threats not only to the fate of future generations. Many of the negative consequences of reckless human activity, which sustainable development measures are trying to prevent, are already affecting us today. These include, for example, natural disasters and the accompanying phenomena of hunger and impoverishment. In the case of global warming, scientists also agree: we must act now. The situation is similarly bad when it comes to natural resources - many deposits are already running out and their extraction is becoming increasingly costly and damaging to the ecosystem.

The idea of sustainable development postulates social and economic progress that takes place without reducing the ability of future generations to meet their needs. At the heart of sustainable development theory is concern for the state of the natural environment and the preservation of its riches for generations to come.

Sustainable development is not just about reducing the negative impact of human activity on nature, but this is undoubtedly its primary objective. Specifically, adult education is a driver in the interconnections of the three dimensions of sustainable development (economic, social and environmental) and can contribute to the UN's 2030 Agenda. Sustainable development is an organizing principle for meeting human development goals while also sustaining the ability of natural systems to provide the natural resources and ecosystem services on which the economy and society depend. There is a real need for education for sustainable development, and especially non-formal education has a very high impact.

The Green Routes project aims to contribute to sustainable development as a small stepping stone towards a better future for ourselves and our children. Our main goal of Green Routes is to create a toolkit to promote sustainable solutions and trends in urban areas. How do we do it? Through innovative digital tools and creative solutions.

We would like all participants of the project to be conscious about being more sustainable as a community, organizations and individuals. We expect them to be ready to share their new knowledge, to teach and encourage others and to get involved.

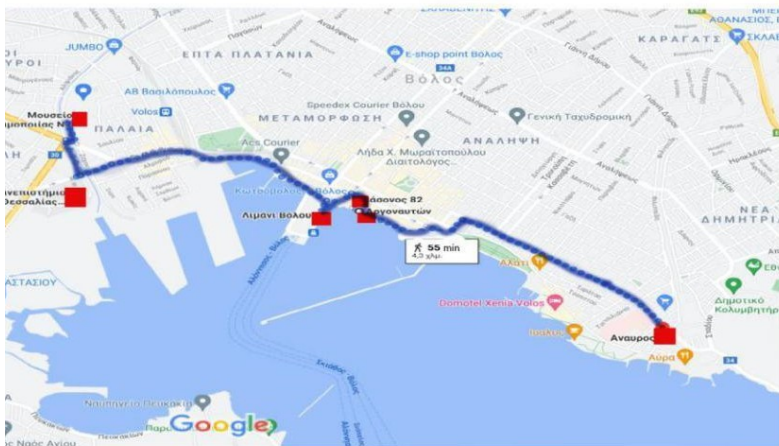
That is why we have chosen 5 interesting stops in each partner city, which will show the best sustainable innovators in our city. The Green Route consists of a short description and covers a map. Each stop covers at least 3 sustainable development goals out of 17. The 17 SDGs are no poverty, zero hunger, good health and well-being, quality education, gender equality, clean water and sanitation, affordable and clean energy, decent work and economic growth, industry, innovation and infrastructure, reduced Inequality, sustainable cities and communities, responsible consumption and production, climate action, life below water, life on land, peace, justice, and strong Institutions, partnerships for the goals.

You can find more information about tours, further project results and project on the web page <http://greenroutes.eu/>

Do not forget to check your knowledge on sustainable development and sustainable innovators in your city here <http://greenroutes.eu/#>

Please enjoy the tour!

on foot 4.3 km, 55 min - 5 stops



The city of Volos is located in central Greece and it is surrounded by the sea and the beautiful mountains of Pelion. It has a rich cultural history since the area has been inhabited since the Neolithic era and an equally interesting contemporary history that has formed the city's identity and vibrant character. Formerly, it was a heavily industrial city, with mainly tobacco factories, until a few decades ago when hundreds of factories closed in Greece. Recently it's mainly known as a tourist destination and also as a student friendly University City.

Even though it is no longer mainly an industrial city there have been numerous complaints regarding air pollution produced from nearby factories. There is a strong environmental movement amongst the people in Volos protesting about the matter, raising awareness and public debate.

There are several opportunities for this city to become more environmentally friendly, however, important steps have been taken towards this direction. Sustainable architecture is combined with culture and education, various research projects, conferences and publications take place, sponsored by the university, which is one of the main advocates for sustainability and responsible production. Local produce is present in many forms and preferred by growing numbers of consumers. And most importantly, the people in Volos are becoming more and more aware and active in order to protect the environment and promote a healthier and ethical way of living.

Through this journey visitors will have the opportunity to witness some good examples of several initiatives, both from the public and private sector, but also to get in touch with the city's culture, discuss the local habits and challenges and interact with the space and its users.



Tsalapatas Roof Tile and Brickworks Factory

N. & S. Tsalapatas Rooftile and Brickworks Factory

ADDRESS: Notia Pyli, 38334, Volos



The N. & S. Tsalapatas Rooftile and Brickworks Factory was one of the largest of its kind. Its workshops and industrial facilities have been restored and today constitute a rare surviving example of an industrial complex in Greece.

The Museum is housed in the old Rooftile and Brickworks Factory of Nikolaos and Spyridon Tsalapatas, in Volos (Thessaly). It presents the daily life in the factory, as well as all the production stages of different types of bricks and tiles. Its objective is to showcase the historical identity of the town of Volos and to contribute to the preservation and promotion of its industrial heritage. The venue is a perfect example of re-purposing industrial facilities and blending traditional industry with modern sustainable architecture to provide educational and cultural opportunities to visitors as it hosts a number of restaurants, cafes and cultural venues.

www.piop.gr/en/diktuo-mouseiwn/Mouseio-Plinthokeramopoieias-Tsalapata/to-mouseio.aspx



University of Thessaly, Polytechnic University

University of Thessaly, Polytechnic University

ADDRESS: Pedion Areos 38334, Volos



The “Pedion Areos” Campus (Athinon & Sekeri Str.) used by the Departments of the School of Engineering. The Campus includes the renovated buildings of the former Water Pump Manufacturing Paparrigas Factory (where the Departments of Architecture, Civil and Mechanical Engineering operate) and the new building of the Department of Planning and Regional Development, which is a modern construction with an impressive roof. These departments run a number of programmes for environmental planning and sustainable development which the visitors will have the opportunity to learn about

www.uth.gr



Psaradika– Fish market

Psaradika – Fish market

ADDRESS: Port, Volos, 38333



This area of the port filled with old traditional fishing boats and fishermen selling sustainably sourced fish and sea food every morning, straight from the boats, provides a unique experience one can have in the city of Volos. Visitors, while taking a walk by the sea, can have a taste of how fish trade has been conducted in the city for the last century and discuss about responsible sourcing and small scale fishing.

www.volosinfo.gr/small-fish-market



Green Family

Green Family

ADDRESS: 82A Iasonos, 382 21, Volos



The store offers a wide range of traditional, organic, sustainably sourced (either from local farms or from all across Greece) goods, such as herbs, honey, seeds, fresh fruit and vegetables. The visitors will have the opportunity to learn about the local organic agricultural production and perhaps have a taste of some of the local products.

In the last few years Green Family has been organizing educational seminars about agriculture sustainability and has been producing their own pastry products from alternative flours.

From the 2020 the company tries to achieve the goal of Zero Waste, enhancing the green character that governs its entire philosophy, while collaborating with universities to further reduce its environmental footprint.

www.greenfamily.gr/katastimata/volos



Anavros Beach

Anavros Beach

ADDRESS: Plasthra 24, 38222, Volos



The innovative SEATRACK system installed at the beach of Anavros facilitates access to the sea for people in a wheelchair. The system consists of a special metal ramp which ends in the water in such a way that people with disabilities can enter the sea comfortably, easily and without risk. When they get out of the water, the reverse process takes place and those interested can enjoy swimming without the difficulties which were until recently prohibitive for many of them. Several environmental activities have been running at Anavros beach including regular beach and ocean clean-ups.

www.AnavrosBeach.gr



The Papastratos Central Building

The Papastratos Central Building

ADDRESS: Argonauts, Philhellenes and, Volos 382 21



The Papastratos Central Building is a modern construction which joins three separate buildings by an atrium covered by a modern glass dome. Exhibitions and other events take place here.

The three joined buildings are:

- The renovated Papastratos Old Building, typical for the Volos Strand, used to be the Papastratos Tobacco Warehouse. Nowadays it is used as an administrative center for the Rectorate and Administrative Services of the University.
- The modern Delmouzos Building with glass exterior surfaces, which comprises Lecture Halls, the large Kordatos Auditorium and the smaller one Saratsis auditorium, the University Ballroom, the Network Operation Center, the Foreign Languages Office and the Physical Education Office.
- The New Building-Offices for the academic staff members and Secretariats of the Departments of the School of Humanities. The University runs several courses, research programs, conferences and seminars related to sustainable development and environmental awareness.

www.uth.gr

Referring partner:



UNIVERSITY OF
THESSALY

University of Thessaly

Αργοναυτών,

Volos

382

Ph.:

+30

Mail.: info@uth.gr

Filellinon

21,

2421

και

Grecia

074000

<https://www.uth.gr/en>

Project:



Green Routes

Learning about sustainable trends in European cities and promoting sustainable solutions in urban areas

KA204 - Strategic Partnerships for adult education

2020-1-DE02-KA204-007652



Retain. Reuse. Revise. Remix. Redistribute.



<http://greenroutes.eu>