

## THEMATIC ROUTE “KRONOS”


### Objectives


- To introduce students to the coastal industrial zone of Elefsina (Kronos) and the port facilities that are located there: fishing port, commercial port, marina.
- To raise awareness of on the conservation of the industrial heritage and the modern challenges for the sustainable development.
- To discuss the citizens' movements for the rehabilitation of the coastal front.
- To find the contribution of all the above to the climate neutrality of Elefsina.


### General description




The thematic route starts ~~from~~ at Kronos and passes through Kanellopoulou ave. in front of the bathing beach and the different port facilities: fishermen's shelter, commercial port and marina. It also includes points of interest related to mobility, such as the starting point of the public buses, the new parking area of the Municipality, the narrow pavements, the lack of a cycle path.




### Stations


CHRONOS		POSITION	SHORT DESCRIPTION	ACTIVITIES
10'	1	<p><b>X-Bowling</b></p> 	<ul style="list-style-type: none"> <li>• We find a suitable spot and gather the group in a circle.</li> <li>• We play the <b>getting-to-know-you game</b>. Holding an object, we say our name and hobby. We throw the object to the person opposite us and they say the same.</li> <li>• <b>We allocate numbers 1,2,3.</b> All 1's are grouped together and form a subgroup. They take roles: Secretary, Photographer, Observers. The Secretary takes the plate with the PEs. The Photographer gets the school tablet. The Observers take a pair of imaginary glasses of observation! Similarly, both 2 &amp; 3.</li> </ul>	<p>Dating game</p> <p>Division into groups</p> <p>Share F.E.</p> <p>The Objectives of our journey</p> <p>.....</p> <p>What are the goals of our journey? Can you understand them from the PE you are</p>

			<ul style="list-style-type: none"> <li>We name the <b>goals of our journey: Heritage Protection, Sustainable Mobility and Sea health</b>. These correspond to three of the four themes of the A.L.</li> <li>In the fourth we note down data on the residents of Elefsina.</li> </ul>	holding?
10'	2	<p><b>KRONOS</b></p> 	<ul style="list-style-type: none"> <li>KRONOS is the distillery factory, which was founded in Elefsina in 1922 and started its operation in 1926.</li> <li>Its construction was pioneering, because it was built using concrete and was described as the most perfect factory of its kind in the East.</li> <li>A pier was constructed on the opposite shore for the needs of handling its products.</li> <li>It used raisins, must, carob and molasses as raw materials and produced alcohol and spirits.</li> <li>It had a special department for the production of tanning extracts for tanning acorns.</li> <li>In the 1960s, its production reached 20 tons of pure alcohol per 24 hours.</li> <li>In 1929 there was a big strike of 2,000 workers throughout Elefsina for the observance of the eight-hour day and better working conditions, which resulted in the fatal injury of a young worker.</li> <li>It finally ceased operation in 1986, its mechanical equipment was removed and the pier was dismantled.</li> <li>Two buildings (the Administration Building and the Distillery) with special architecture (gothic arches) have been classified as listed buildings by a law of 1990.</li> </ul>	<p>The advantages of Elefsina</p> <p>Concrete blancmange</p> <p>Raw materials from the region</p> <p>Work for all</p> <p>Industrial heritage Conservation</p>

			<ul style="list-style-type: none"> <li>• 16 buildings survive to this day in the whole complex.</li> <li>• Today, it belongs to a private owner, who is supposed to maintain it however the opposite is the case.</li> <li>• From 2003 to 2005 it hosted the AICHYLEIA, the cultural events that take place in Elefsina every summer.</li> <li>• The residents are demanding its restoration and its transformation into a cultural space with a variety of uses.</li> <li>• The large plot of land has been planned in four blocks and two pedestrian streets have been provided.</li> </ul>	
5'	<b>3</b>	<b>KRONOS PORT</b>	<ul style="list-style-type: none"> <li>• In front of the industrial carcass of Kronos there is a port facility, where there are plans to transship LNG from ships to trucks, which for the moment has been blocked by opposed residents.</li> </ul>	<p>The sea The ports Claims of the residents</p>
5'	<b>4</b>	<p><b>BIKE PATH</b></p> 	<ul style="list-style-type: none"> <li>• A cycle and pedestrian path leads to the coastal Kanellopoulou Avenue west of Kronos.</li> <li>• The cycle path is used by residents for their afternoon strolls.</li> </ul>	<p>Cycle path networks Pavement networks Bicycle stations</p>

5'	5	<p><b>BATHING BEACH</b></p> 	<ul style="list-style-type: none"> <li>• Near the industrial carcass of Kronos there is a small natural beach, which the residents still use for swimming.</li> <li>• The water quality of the Gulf has improved in recent years following the significant de-industrialisation of Elefsina and the construction of the Wastewater Treatment Centres of Psyttalia and Aspropyrgos.</li> <li>• However, heavy and other metal pollution is still significant in the sediments of the Gulf.</li> </ul>	<p>Swimming</p> <p>Water quality</p>
5'	6	<p><b>MARINA</b></p> 	<ul style="list-style-type: none"> <li>• The "New Marina" for the mooring of private boats and yachts is located on our way to the center after the swimming beach.</li> <li>• The capacity of the harbour is estimated at approximately 60 berths for yachts.</li> </ul>	
10'	7	<p><b>AENAOS PLUS</b></p> <p><b>ETERNAL SAILING</b></p> 	<ul style="list-style-type: none"> <li>• We discuss the bronze sculpture AENEOS PLOUS and the relationship of Elefsina with the sea.</li> <li>• The sculptress is called Aspasia Stavropoulou and she is a resident of Aspropyrgos Paralia.</li> <li>• It is a sculpture dedicated to the Man of the Sea, Elefsina and its Culture.</li> <li>• They are People of the Sea, Sailors, Travellers. Bodies in motion, as if in waves, as if pushed by the wind like the sails of ships, in a perpetual sail, carrying the history and culture of Elefsina to the world, now that the city will be the European Capital of Culture in 2023.</li> <li>• The sculpture was created at the expense of the Elefsina Port Authority (OLE) SA</li> </ul>	<p>The inhabitants of Elefsina and their relationship with the sea</p> <p>Population movements</p> <p>The sailors</p> <p>The refugees</p>

5'	8	<p><b>FISHERMAN'S HARBOR</b></p> 	<ul style="list-style-type: none"> <li>• A short distance away is the small fishermen's harbour with wooden fishing boats.</li> </ul>	<p>Fishermen's harbour</p> <p>Wooden fishing boats</p>
5'	9	<p><b>CENTRAL COMMERCIAL PORT - OLE</b></p>  	<ul style="list-style-type: none"> <li>• It is located on a central axis of Elefsina.</li> <li>• The large pier is 300m long and 80m wide and it is paved with reinforced concrete and serves mostly international ships, transporting bulk solid and rarely liquid cargo.</li> <li>• Its management, as well as that of all the port facilities of Elefsina, is carried out by OLE (Elefsina Port Authority), which manages the coast and the land zone from Aspropyrgos to Elefsina and Nea Peramos.</li> <li>• Port activities are a burden on the coastal zone, but in recent years the quality of the Gulf's waters has improved.</li> </ul>	<p>Use of the sea for RES</p> <p>Maritime connection to Piraeus</p> <p>“Iera Odos” Sea Route</p> <p>“Sacred Street” Sea Route</p>

<p>10'</p>	<p>10</p>	<p><b>BUS TERMINALS</b></p> 	<ul style="list-style-type: none"> <li>• On our hiking route to the city centre we meet the starting point of the bus-service that connects Elefsina with Athens and the surrounding cities.</li> <li>• We discuss the adequacy of the routes so that they are chosen by residents.</li> <li>• We discuss bus fuels and green transport (electric buses).</li> <li>• We see the new parking lot that the City is creating for visitors.</li> <li>• We document the problems faced by pedestrians.</li> <li>• We look for electric car charging stations.</li> </ul>	<p>Sustainable transport</p> <p>Public transport</p> <p>Electric cars</p> <p>Charging stations</p>
		<p><b>CONSULTATION</b></p>	<p>This path will feed data to tables <b>6, 7, 8 (1<sup>n</sup> day) and 17, 18, 19 (2<sup>n</sup> day)</b>, in which students will deliberate and come up with proposals for the climate neutrality of Elefsina on the issues of <b>Buildings- Industrial Heritage, Sustainable Mobility</b> and <b>Sea Health</b>.</p>	