

<p>MODULE 2 - Economic geography and infrastructure of waterways</p>
<p>Content of the Module</p> <p>This module is focused on the important traffic routes in Europe, their classification and international waterways. In addition, the critical factors influencing transport planning on inland waterways - seasonal influences of weather and IWT infrastructure such as fairway depth, ports and other- are discussed.</p>
<p>Learning Aims of the Module</p> <p>After this module you should:</p> <ol style="list-style-type: none"> 1. receive knowledge about the important and main traffic routes in Europe and the classification of waterways in Europe. 2. be able to name differences between European and international waterways. 3. be able to plan a transport taking into account several factors as freight, vessels, seasonal weather conditions and other logistic issues. 4. be able to describe the influences of inland waterway infrastructure on the economics of transport on inland waterways. 5. be familiar with type of ports, regulations and services in ports.
<p>Mandatory Learning Materials</p> <p>Please go through the following learning materials as described below:</p> <ol style="list-style-type: none"> <p>1. Learning Material “Economic geography and infrastructure of waterways”</p> <p>In this document, an overview of the European transport network is provided. In addition, a comparison of European and international waterways is made. The main factors influencing the competitiveness of inland navigation are discussed. (<i>Document is provided in Section “Learning Materials (Module 2)”</i>)</p> <p>2. TEN-T core network</p> <p>On the following website the 9 corridors of the TEN-T core network are described. Please go through the following link: (Link: http://ec.europa.eu/transport/themes/infrastructure/ten-t-guidelines/corridors/index_en.htm)</p> <p>3. Rivers of the World Atlas</p> <p>In this document, inland waterways and inland navigation in general of different countries in Europe are presented. Read page 63 (Hungary) and page 19 (The Netherlands): (Link: http://www.google.at/url?sa=t&rct=j&q=&esrc=s&source=web&cd=17&ved=0ahUKEwiFzrsobPLAhWiCpoKHZbFAcw4ChAWCFYwBg&url=http%3A%2F%2Fwww.riversoftheworld.nl%2Fcomponent%2Fdocman%2Fdoc_download%2F28-atlas-on-inland-waterways-transport&usq=AFQjCNH2NAfbb6XXi6xRAH3 AsU1uazRQ)</p> <p>4. Guidelines for Sustainable Inland Waterways and Navigation</p> <p>The relevant section of this document focuses on the challenges in connection with fairway conditions and necessary measures to improve fairway conditions. Please read section “4.5 Fairway improvement” on page 18-20 (Link: http://www.pianc.us/workinggroups/docs_wg/envicom-wg06.pdf)</p>
<p>Evaluation</p> <p>As part of a test at the end of every module, you will have to answer 15 questions per module. These questions are selected randomly. You will have 15 minutes for each test. At the end you will be able to see your learning progress at a learning progress bar.</p>