

<b>ACRONYM</b>	INDUSE
<b>PROJECT TITLE</b>	STRUCTURAL SAFETY OF INDUSTRIAL STEEL TANKS,PRESSURE VESSELS AND PIPING SYSTEMS UNDER SEISMIC LOADING
<b>PROGRAMME</b>	European Coal and Steel Community
<b>SHORT DESCRIPTION</b>	<p><b>Objective 1</b> –To develop designs guidelines/recommendations for safeguarding structural integrity of industrial equipment steel structures, namely industrial tanks, pressure vessels and piping, under strong seismic action. The work combines structural seismic engineering concepts with mechanical engineering practice, considering the particularities of industrial systems and their support structures (shape and geometry, high internal pressure, interaction with liquid containment and the supporting structural system, material defects and damages that reduce significantly deformation capacity).</p> <p><b>Objective 2</b> – To develop a complete set of design guidelines /recommendations, for the seismic analysis and design of industrial tanks, pressure vessels and piping, compatible with the Eurocode 8 (EN 1998) seismic design framework and, in particular, with the existing EN 1998-4 seismic provisions for liquid storage tanks.</p>
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<b>DURATION</b>	1 <sup>st</sup> July 2009/31 <sup>st</sup> Dec 2012
<b>CO-ORDINATOR</b>	<b>UNIVERSITY OF THESSALY – GREECE - Prof. Spyros A. Karamanos</b>
<b>PARTNERS and SUBCONTRACTORS</b>	<ul style="list-style-type: none"> <li>• <b>UNIVERSITY OF TRENTO – Department of Mechanical and Structural Engineering – Trento – Italy</b> <b>Prof. Oreste S. Bursi</b></li> <li>• <b>UNIVERSITY OF THESSALY- Greece</b></li> <li>• <b>CENTRO SVILUPPO MATERIALI - Italy</b></li> <li>• <b>DELFT UNIVERSITY OF TECHNOLOGY – The Netherlands</b></li> <li>• <b>AACHEN UNIVERSITY OF TECHNOLOGY- Germany</b></li> <li>• <b>EBETAM S.A - Greece</b></li> <li>• <b>TECHNIPETROL HELLAS S.A - Greece</b></li> <li>• <b>Subcontractor SHELL GLOBAL SOLUTIONS INTERNATIONAL BV –The Netherlands</b></li> </ul>
<b>CONTACT PERSONS</b>	<p>Prof. Oreste S. Bursi  e-mail: Oreste.Bursi@ing.unitn.it  <a href="http://www.ing.unitn.it/~bursi/Bursi0-14f.htm">http://www.ing.unitn.it/~bursi/Bursi0-14f.htm</a>  Eng. Anil Kumar  e-mail: kumara@ing.unitn.it</p>
<b>URL</b>	<a href="http://www.cordis.lu/ecsc-steel/home.html">http://www.cordis.lu/ecsc-steel/home.html</a>