

## Delineation of activities proposed by project team

Scope of Tacis Assistance of "CaspianMap" Caspian Water Quality Monitoring and Action Plan for Areas of Pollution Concern TACIS/2005/109244	
Scope for the 1 <sup>st</sup> Regional Workshop	
Monitoring	Action Planning
Regional Water Quality Monitoring Plan (RWQMP)	Regional Pollution Action Plan (RPAP)
<p><b><u>APCs Water and sediment:</u></b></p> <ul style="list-style-type: none"> <li>√ <b>Trend monitoring:</b> <ul style="list-style-type: none"> <li>○ <b>Shallow coastal</b></li> <li>○ <b>Offshore water</b></li> </ul> </li> <li>√ <b>Compliance monitoring:</b> <ul style="list-style-type: none"> <li>○ <b>Emission from land based pollution sources</b></li> <li>○ <b>Near field coastal water quality affected by pollution from land based pollution sources</b></li> </ul> </li> <li>√ <b>QA/QC program concept</b></li> <li>√ <b>Current status of national monitoring systems</b></li> <li>√ <b>Status of current analytical capacities of laboratories</b></li> <li>√ <b>Gaps in training and qualification of personnel</b></li> </ul>	<p><b><u>Land based pollution sources</u></b></p> <ul style="list-style-type: none"> <li>√ <b>Point sources:</b> <ul style="list-style-type: none"> <li>○ <b>Imported from rivers &gt;100 km upstream from coastline;</b></li> <li>○ <b>Generated within the coastal zone, &lt;100 km from coastline:</b> <ul style="list-style-type: none"> <li>• <b>Industrial sources, e.g.:</b> <ul style="list-style-type: none"> <li>- <b>Food and beverage, sector 31</b></li> <li>- <b>Petrol (chemicals, refineries, coal and rubber); sector 35</b></li> <li>- <b>Basic metal industries; sector 37</b></li> <li>- <b>Other manufacturing industry; sector 39</b></li> </ul> </li> <li>• <b>Municipal sources (wastewater, sector 40)</b></li> <li>• <b>Land based port and shipyard operations</b></li> <li>• <b>Leakage and flooding of landfills and dumpsites</b></li> <li>• <b>Inherited pollution from land based sources</b></li> </ul> </li> </ul> </li> <li>√ <b>Non-point sources:</b> <ul style="list-style-type: none"> <li>○ <b>Agriculture and storm water runoff</b></li> <li>○ <b>Atmospheric deposition</b></li> <li>○ <b>Erosion of land</b></li> <li>○ <b>Natural pollution sources (volcanoes, etc.)</b></li> </ul> </li> </ul> <hr/> <ul style="list-style-type: none"> <li>√ <b><u>Sea borne sources:</u></b> <ul style="list-style-type: none"> <li>○ <b>Oil and gas off shore activities with risks for incidents and accidents, including pipelines</b></li> <li>○ <b>Shipping with risks for incidents and accidents</b></li> </ul> </li> </ul>

**Note:** Red is proposed in TACIS/2005/109244 project; blue is not