



**Environmental Protection of  
International River Basins Project**



This project is funded by  
The European Union

A project implemented by a Consortium  
led by Hulla & Co. Human Dynamics KG

**Pilot project fiche  
Pilot project 4 in Azerbaijan (PPAZ04)**

<b>Country</b>	Azerbaijan																						
<b>Name</b>	<i>Refurbishment of Gazakh Regional Laboratory of MENR of Azerbaijan Republic</i>																						
<b>Contact person:</b>	Rafiq Verdiyev <a href="mailto:rafig2000@mail.ru">rafig2000@mail.ru</a>																						
<b>Budget</b>	9,990 Euro																						
<b>Timing</b>	08.Mär.16 - 08.Jul.16																						
<b>Short description</b>	<p>Main objective of this pilot project is to help the laboratory to purchase new equipment to conduct water quality analyze for the abovementioned parameters.</p> <p>The list of equipment to be procured in the first stage of refurbishment of Gazakh regional laboratory of MENR of Azerbaijan Republic is specified below:</p> <table border="1"> <thead> <tr> <th>N</th> <th>Equipment</th> <th>Quantity</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Equipment for analysis of common nutrients (NH<sub>4</sub><sup>+</sup>, NO<sub>3</sub><sup>-</sup>, NO<sub>2</sub><sup>-</sup>, PO<sub>4</sub><sup>3-</sup>, P<sub>total</sub>)</td> <td>1 unit</td> <td>Determination of nitrate, nitrite, total ammonium, phosphate ions and total phosphorus in water and soil samples</td> </tr> <tr> <td>2</td> <td>Incubator for analysis of BOD<sub>5</sub> (requires temperature of 20 °C)</td> <td>1 unit</td> <td>Determination of BOD<sub>5</sub> in water samples</td> </tr> <tr> <td>3</td> <td>Portable oxygen meter</td> <td>1 unit</td> <td>Measuring dissolved oxygen (O<sub>2</sub>) and oxygen saturation in water 'in situ'</td> </tr> <tr> <td>4</td> <td>Portable pH-meter</td> <td>1 unit</td> <td>Measuring pH in water 'in situ'</td> </tr> </tbody> </table> <p>The assignment is divided into three consecutive phases with the following schedule and deliverables:  <a href="#">Phase 1.</a> Delivery of the equipment and its installation  <a href="#">Phase 2.</a> Hands-on on-site training  <a href="#">Phase 3.</a> Maintenance and aftersales guidance /if necessary, a field check and adjustment of purchased equipment/</p>			N	Equipment	Quantity	Use	1	Equipment for analysis of common nutrients (NH <sub>4</sub> <sup>+</sup> , NO <sub>3</sub> <sup>-</sup> , NO <sub>2</sub> <sup>-</sup> , PO <sub>4</sub> <sup>3-</sup> , P <sub>total</sub> )	1 unit	Determination of nitrate, nitrite, total ammonium, phosphate ions and total phosphorus in water and soil samples	2	Incubator for analysis of BOD <sub>5</sub> (requires temperature of 20 °C)	1 unit	Determination of BOD <sub>5</sub> in water samples	3	Portable oxygen meter	1 unit	Measuring dissolved oxygen (O <sub>2</sub> ) and oxygen saturation in water 'in situ'	4	Portable pH-meter	1 unit	Measuring pH in water 'in situ'
N	Equipment	Quantity	Use																				
1	Equipment for analysis of common nutrients (NH <sub>4</sub> <sup>+</sup> , NO <sub>3</sub> <sup>-</sup> , NO <sub>2</sub> <sup>-</sup> , PO <sub>4</sub> <sup>3-</sup> , P <sub>total</sub> )	1 unit	Determination of nitrate, nitrite, total ammonium, phosphate ions and total phosphorus in water and soil samples																				
2	Incubator for analysis of BOD <sub>5</sub> (requires temperature of 20 °C)	1 unit	Determination of BOD <sub>5</sub> in water samples																				
3	Portable oxygen meter	1 unit	Measuring dissolved oxygen (O <sub>2</sub> ) and oxygen saturation in water 'in situ'																				
4	Portable pH-meter	1 unit	Measuring pH in water 'in situ'																				
<b>Outputs</b>	Completion certificate																						
<b>Photos</b>																							