

## Activities in Phase 2

Activities, responsibilities of partners and results in the 2<sup>nd</sup> execution phase of the project

<p><b>Phase II.</b> (Industrial research A2, Dissemination D1).  <b>Validation and demonstration of utility and capability of the new eco-scale methods for the determination and speciation of mercury and preparation of analytical procedures</b></p>	
<p><b>Activity 2.1.</b> <i>Validation of the eco-scale excellent green methods by UV-PVG-<math>\mu</math>CCP-OES by analyzing certified reference materials, comparison to traditional methods and related European legislation, (finalized) (A2)</i></p>	
<p><b>CO-UBB</b> Validation of the eco-scale excellent green methods by UV-PVG-<math>\mu</math>CCP-OES by analyzing certified reference materials, comparison to traditional methods and related European legislation.</p>	<p><b>Results:</b> Validated analytical methods</p>
<p><b>P1 - ICIA</b> Validation of the eco-scale excellent green methods by UV-PVG-<math>\mu</math>CCP-OES by analyzing certified reference materials, comparison to traditional methods and related European legislation</p>	
<p><b>Activity 2.2.</b> <i>Implementation of the validated eco-scale methods using UV-PVG-<math>\mu</math>CCP-OES for the analysis of real samples (A2)</i></p>	
<p><b>CO-UBB</b> Implementation of the validated eco-scale methods using UV-PVG-<math>\mu</math>CCP-OES for the analysis of real samples</p>	<p><b>Results:</b> Analytical methods applied on real samples</p>
<p><b>P1 - ICIA</b> Implementation of the validated eco-scale methods using UV-PVG-<math>\mu</math>CCP-OES for the analysis of real samples</p>	
<p><b>Activity 2.3</b> <i>Preparation of internal standard operating procedures for the methods using UV-PVG-<math>\mu</math>CCP-OES and implementation within the accredited laboratory of the partner (A2)</i></p>	
<p><b>CO – UBB</b> Preparation of internal standard operating procedures for the methods using UV-PVG-<math>\mu</math>CCP-OES and implementation within the accredited laboratory of the partner</p>	<p><b>Results:</b> 4 Internal standard operating procedures</p>
<p><b>P1 - ICIA</b> Preparation of internal standard operating procedures for the methods using UV-PVG-<math>\mu</math>CCP-OES and implementation within the accredited laboratory of the partner</p>	
<p><b>Activity 2.4.</b> <i>Demonstration of utility of the new, validated eco-scale methods using UV-PVG-<math>\mu</math>CCP-OES for the determination and speciation of Hg from real samples (environmental samples and food) (A2)</i></p>	
<p><b>CO – UBB</b> Demonstration of utility of the new, validated eco-scale methods using UV-PVG-<math>\mu</math>CCP-OES for the determination and speciation of Hg from real samples (environmental samples and food)</p>	<p><b>Results:</b> 1 Demonstration report</p>
<p><b>P1 - ICIA</b> Demonstration of utility of the new, validated eco-scale methods using UV-PVG-<math>\mu</math>CCP-OES for the determination and speciation of Hg from real samples (environmental samples and food)</p>	

<b>Activity 2.5. Dissemination of results through ISI quoted papers (D1)</b>	
<b>CO – UBB</b> Dissemination of results through ISI quoted papers	<b>Results:</b> 3 ISI papers 1 Participation to The 45 <sup>th</sup> International Conference SSCHE, Mai 2018, Tatranske Matliare, May 2018)
<b>P1 – ICIA</b> Dissemination of results through ISI quoted papers	
<b>P1 – ICIA</b> Dissemination of results through participation in national and international events	