


<p><b>EUROPEAN PARTNERS</b></p> <p>Netherlands Czech Republic France Germany Norway Iceland Italy Spain Switzerland</p>	<p style="text-align: center;"><b>GEOHERMAL ENERGY</b></p> <hr/> <p style="text-align: center;"><b>IMAGE – Integrated Methods for Advanced Geothermal Exploration</b></p> <hr/> <p style="text-align: center;">Objective: To reduce pre-drilling mining risk</p> <hr/> <div style="display: flex; justify-content: space-between;"> <div data-bbox="507 607 975 1003" style="width: 60%;"> <p>“The IMAGE project has significant promise of making enormous contributions to geothermal research”</p> <p>James E. Faulds, member of IMAGE advisory board, director Nevada Bureau of Mines and Geology</p> </div> <div data-bbox="975 607 1445 1003" style="width: 35%; text-align: center;">  <p>Krafla, Iceland © Ásgeir Eggertsson</p> </div> </div>
<p><b>FACTS &amp; FIGURES</b></p> <p><b>Total cost:</b></p> <p>EUR 13,304,043</p> <p><b>EC contribution:</b></p> <p>EUR 10,051,044</p> <p><b>Duration:</b></p> <p>From 2013.11.01 To 2017.10.31</p>	<p><b>Description</b></p> <p>IMAGE develops new methods to scrutinize and appraise geothermal systems in such a way that exploration wells can be sited with greater accuracy than before, thereby maximizing the success rate and reducing the cost of drilling associated with geothermal projects. In addition, such precision wells would reduce any potential environmental impact. New methods are tested in well-known geothermal systems, both in continental sedimentary systems in Europe and in high-temperature systems related to volcanism.</p> <p><b>Results</b></p> <ul style="list-style-type: none"> <li>• Understanding the subsurface processes and properties that control critical exploration parameters</li> <li>• Exploration techniques to improve assessment of these parameters</li> <li>• Demonstration of improved exploration techniques in test sites</li> </ul> <p><b>Impact</b></p> <ul style="list-style-type: none"> <li>• Enhance prospectivity of geothermal energy by reducing mining risk</li> <li>• Extension of the geothermal resource base</li> </ul>