Objective

The application of data analysis techniques over large data collections provides great benefits, from the personal, to the business, research, and social domain. The availability of large data collections recording actions and choices of individuals and organisations can lead to great improvement in the understanding of how the world operates. The continuous evolution of ICT is enabling the realisation of such vision at a fast pace, supporting the realisation of architectures enabling collaborative data sharing and analytics. A clear obstacle towards the realisation of such potential and vision is represented by security and privacy concerns. Indeed, the (actual or perceived) loss of control over data and potential compromise of their confidentiality can have a strong detrimental impact on the realisation of an open framework for enabling the sharing of data from multiple independent data owners. The goal of MOSAIrCrOWN is to enable data sharing and collaborative analytics in multi-owner scenarios in a privacy-preserving way, ensuring proper protection of private/sensitive/confidential information. MOSAIrCrOWN will provide effective and deployable solutions allowing data owners to maintain control on the data sharing process, enabling selective and sanitised disclosure providing for efficient and scalable privacy-aware collaborative computations. MOSAIrCrOWN Consortium sees the participation of major industry players, providing strategic use cases with strong exploitation and impact, and of an SME supporting deployment and standardisation.
Field of Science
/socia sciences/economics and business
/natural sciences/computer and information sciences/data science/data analysis

Programme(s)
H2020-EU.2.1.1. - INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial technologies - Information and Communication Technologies (ICT)

Topic(s)
ICT-13-2018-2019 - Supporting the emergence of data markets and the data economy

Call for proposal
H2020-ICT-2018-2

See other projects for this call

Funding Scheme
RIA - Research and Innovation action

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EU Contribution
€ 700 000

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<thead>
<tr>
<th>Organisation</th>
<th>EU Contribution</th>
<th>Address</th>
<th>Activity type</th>
</tr>
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<tr>
<td>EMC INFORMATION SYSTEMS INTERNATIONAL</td>
<td>€ 456 250</td>
<td>Ida Industrial Site P31 Ovens</td>
<td>Private for-profit entities (excluding Higher or Secondary Education Establishments)</td>
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<td>MASTERCARD EUROPE</td>
<td>€ 500 000</td>
<td>Chaussee De Tervuren 198a 1410 Waterloo</td>
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<td>SAP SE</td>
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Other

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