

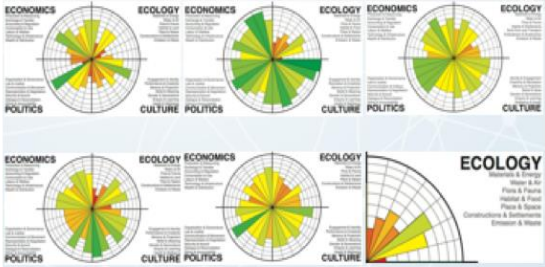
# EUBrasilCloudFORUM

*"A broad perspective on the research topics of high potential for the future of the Europe-Brazil collaboration on cloud computing"*

*Futuristic viewpoints of different stakeholders, including industrial players, end-users, researchers, and regulators, for cloud computing, including security*



Circles of Sustainability



SC1. Environmental monitoring  
SC2. Smart water and energy management  
SC3. Assisted health and well-being



*Challenges that will act as drivers for the development of the cloud computing technologies and models needed to support the scenarios defined*

	Scenario SC1 <i>Environment</i>	Scenario SC2 <i>Energy/Water</i>	Scenario SC3 <i>Health</i>
<b>Cloud computing technologies are global and pervasive</b>			
<i>Security and privacy</i>	low	medium	high
<i>Data flow</i>	medium	low	high
<i>Portability</i>	medium	low	high
<b>Socio-economic factors affect the cloud computing market</b>			
<i>Regulations</i>	medium	high	high
<i>Human factors</i>	high	medium	high
<i>Innovative services</i>	low	high	high
<b>Technological innovation creates new issues</b>			
<i>Green computing</i>	high	medium	low
<i>Open data</i>	high	medium	medium
<i>Standardization</i>	medium	high	high

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*Research opportunities related to cloud computing, including security, considering the gaps identified*

- Common technological and legal framework for managing security and privacy aspects on the cloud
- EU-BR community to work on common standards
- Cross-regional Cloud Federation & Open Science Cloud
- Cloud sustained cyber-physical systems and SoS
- Cloud to the edge
- Cloud supported innovative and inclusive societies
- HPC in Cloud environments



## EUBrasilCloudFORUM

Fostering an International dialogue between Europe & Brazil

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