



RLS-Sciences Expert Dialogue on Digitalisation

*with the participation of Bavaria, Georgia,
Québec, São Paulo, Upper Austria*

Updates

Dr. Florence Gauzy

Regional Leaders Summit, RLS 2018

Québec City, Québec

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- RLS-Sciences is a unique **collaborative initiative in science** driven by seven leading regions of the world. The RLS-Sciences initiative leverages the composition and strengths of the RLS network to foster scientific research within and between the RLS regions in cooperation, and for the benefit of all. In the frame of RLS, we work to generate and support strong multilateral exchange in science and technology.
- RLS-Sciences had **four research and development themes** in 2016, which were carefully chosen to reflect the best potential for scientific cooperation between the seven RLS regions:

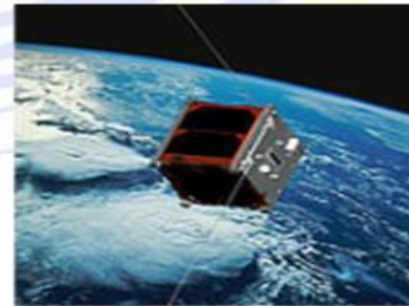
Digitalisation



Aerospace



Small Satellites



Energy





SME Support

- Digitalisation – a toolkit for companies beyond Industry 4.0
- Regional measures to inform, train, and support SMEs on their digital transformation pathway in advanced manufacturing
- Assessment tools, and monitoring methods
- Reform advanced manufacturing to a “total enterprise model”
- New business models, new business strategies, new business culture





New Ways of Cooperation for Digital Transformation

Québec AI ecosystem: IVADO and SCALE.AI



Bavarian Digitalization Masterplan and ZD.B



Georgia state government's initiatives:

- Center of Innovation for Information Technology
- U.S. Army Cyber Center of Excellence at Fort Gordon
- CODA at Tech Square, Atlanta





Challenges

Speed

- Transformation
- Adaptation

Cyber security

- Addressing and understanding the challenges

Ethics

- Use of data
- Human-computer interaction
- “Is Artificial Intelligence intelligent?”





Thank you for your attention!

