Topics of Interest
- Societal Security, Trust
- Sustainable Infrastructures

Josef Noll

http://www.mn.uio.no/its - http://ITS-wiki.no

Affordable Energy & Internet Lite for All
the catalysts for the goals

3 GOOD HEALTH AND WELL-BEING

4 QUALITY EDUCATION

5 GENDER EQUALITY

8 DECENT WORK AND ECONOMIC GROWTH

10 REDUCED INEQUALITIES

7 AFFORDABLE AND CLEAN ENERGY

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

16 PEACE, JUSTICE AND STRONG INSTITUTIONS

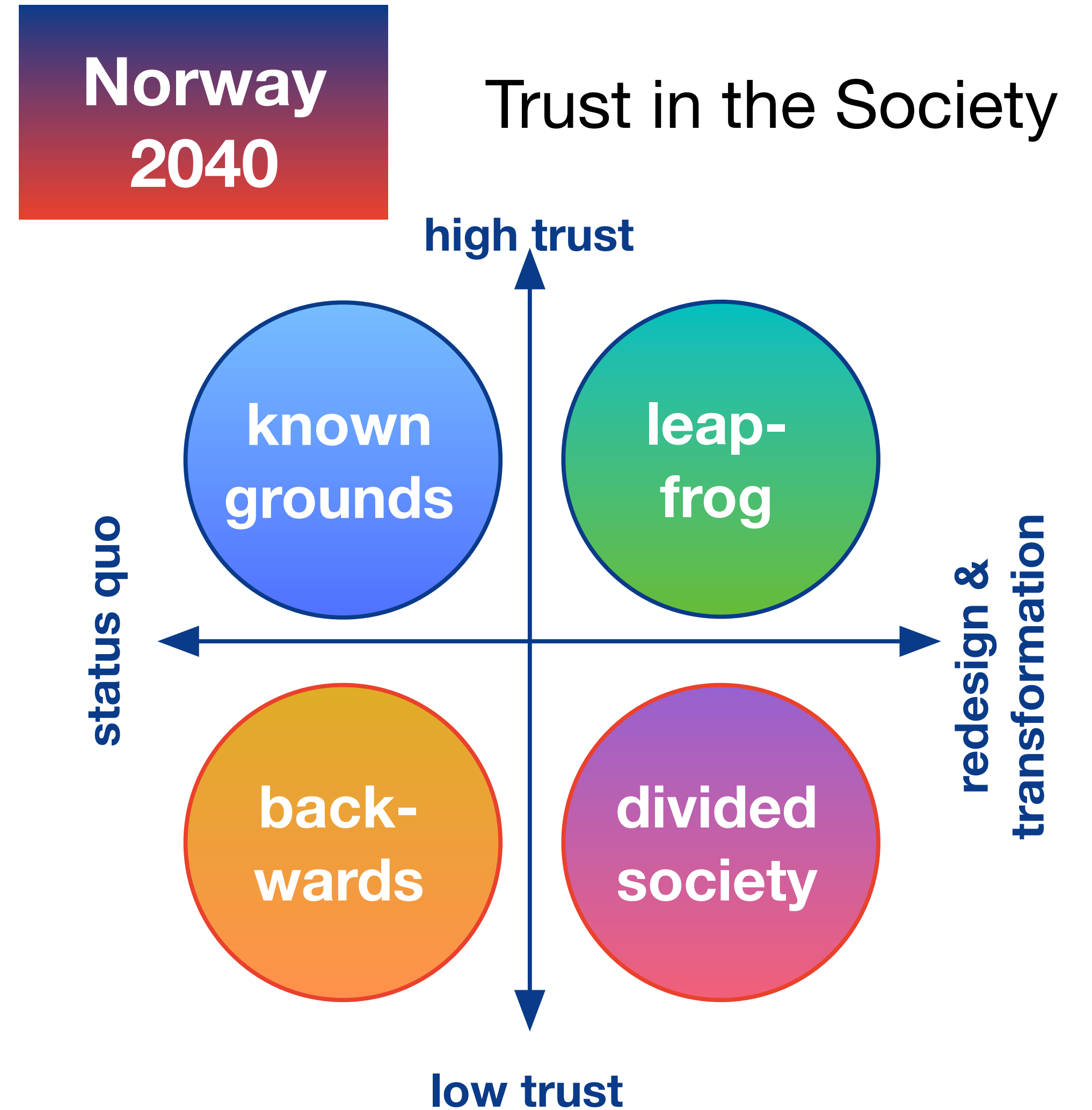17 PARTNERSHIPS FOR THE GOALS

Energy & Internet Lite for All

Target 7.1&7.2   Target 9.C   Target 16.10

Examples of areas

- Societal Security

- Trust in Society

- 6G and SDGs

Marja Matinmikko-Blue: Overview of new 6G white papers

Volker Ziegler: 6G technology and architecture – unify experience across the worlds

Josef Noll: Digital inclusion and the freemium model for access to information for all

Marianne Kinnula: Megatrends shaping sustainable development of 6G

Panos Kostakos: Linking 6G and UN SDGs

Norway 2040

Trust in the Society

high trust

known grounds

leap-frog

status quo

redesign & transformation

back-wards

divided society

low trust

Providing 6GforAll

➡ **Free access** to **Information** (Internet Lite)
- 1) Access - one **Information Spot** per village
- 2) Skills - Health, Education, Agriculture
- 3) Regulations - Freemium model
- 4) Inclusion -
  Free access for all #LeaveNoOneBehind

➡ Internet Lite & **Freemium** model for access
- **free access to National Knowledge Portal** for all
- **premium** access to **broadband**
- sustainable solution

+18 dB
>20 km

"Providing Internet to the basic of the pyramid isn't a question of affordability, but rather a question of sustainability"
Internet Governance Forum, Panel, WIN

At least
one Information Spot
per village

Addressing Education 5.0 and Global Challenges

➡ Cognitive skills
- literacy and numeracy
- critical thinking
- problem solving

Edu 3.0

Edu 4.0

➡ Social and emotional skills
- empathy, teamwork
- leadership, cultural awareness
- fraternity & social friendship

Edu 5.0

➡ Global challenges
- Climate, Sustainability (SDGs)