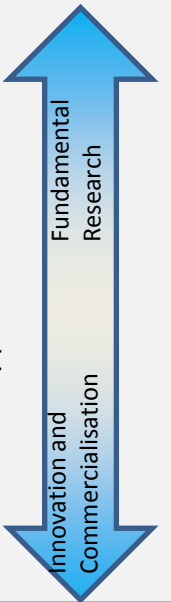


Project types

Technology Readiness Levels



- TRL 1. basic principles observed
- TRL 2. technology concept formulated
- TRL 3. experimental proof of concept
- TRL 4. technology validated in lab
- TRL 5. technology validated in relevant environment
- TRL 6. technology demonstrated in relevant environment
- TRL 7. system prototype demonstration in operational environment
- TRL 8. system complete and qualified
- TRL 9. actual system proven in operational environment



Industry Projects

Funded by industry without/little public co-funding.

Small scale test

Large scale Joint Industry Project (JIP): expensive development but costs spread over a number of interested parties.

R&D-D project with SkatteFUNN: business enterprises engaged in research and development activity on their own or in collaboration with others may apply for a tax deduction (SkatteFUNN is administered by Research Council)

Large scale demonstration projects

National R&D Projects

Research Council: Programs

KPN Competence Building Projects (2-4 yrs)
Low TRL, **academic lead** with industry contribution of 20% cash required. 80% from Research council

IPN Innovation Projects (1-3 yrs)
Industry led, bring research up to TRL 5. Minimum 50% cash and in-kind from industry of total costs.

ENERGIX
Large-scale program for energy research. **Calls annually.**

BIA
Industry Driven Innovation Arena

IKTPLUSS
ICT research and Innovation

RFF
Regional Research Funds

Plus many, many others.....

Large Research Centers with several research and industrial partners 160+ Mkr, 5-8 years.
Call I out now/2015 (last call for FMEs in Norway)



www.forskningsradet.no

Enova (kWh reduction)
Demonstration and market introduction

IFU / OFU Support for industry to develop new products or solutions



Network funding:
ARENA, NCE, GCE

International Projects

H2020 Innovation Action

High TRL
Large Projects
6-12M€
Requires Demos and Implementing

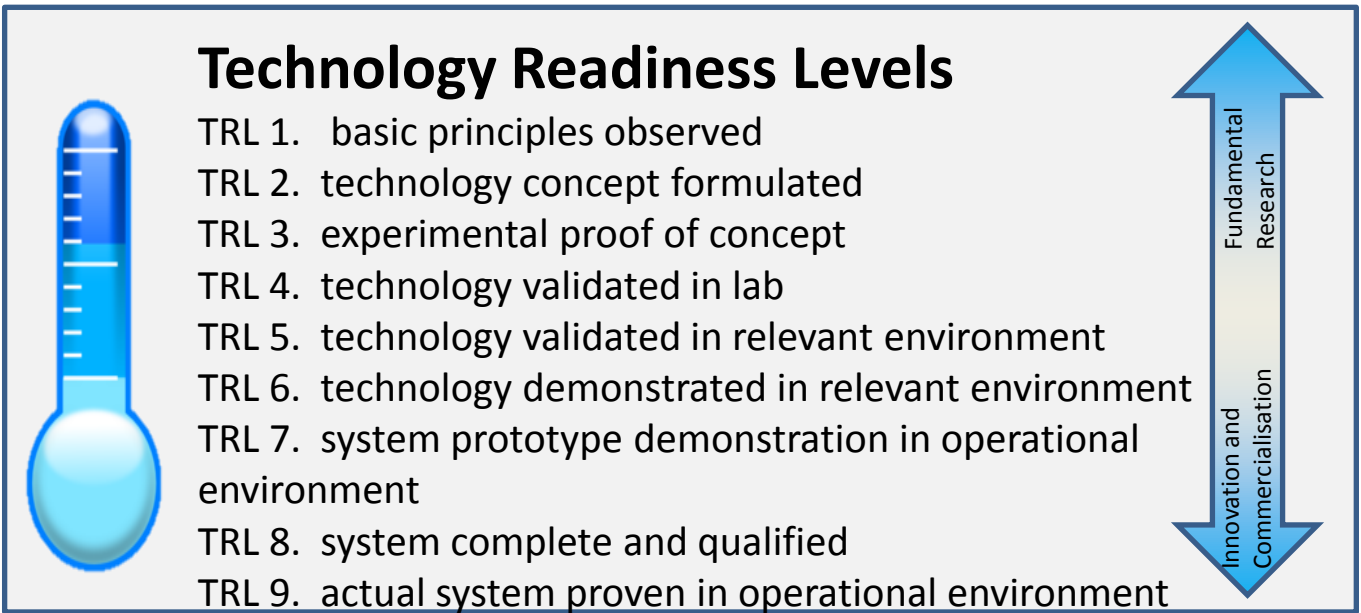
H2020 Research and Innovation Action

Low TRL
Small projects
3-5M€



H2020: Funding from the EU Commission:
http://ec.europa.eu/research/participants/port al/desktop/en/opportunities/h2020/master_calls.html

Project types



Industry Projects

Funded by industry with no/little public co-funding.

Small scale test-project

Large scale Industry Project (JIP): expensive development but costs spread over a number of interested parties.

F.eks.: Neste Generasjon Fasit

R&D-D project with SkatteFUNN: business enterprises engaged in research and development activity on their own or in collaboration with others may apply for a **tax deduction** (SkatteFUNN is administered by Research Council)

Large scale demonstration projects

National R&D Projects

Research Council: Programs

ENERGIX
Large-scale program for energy research. **Calls annually.**

KPN Competence Building Projects (2-4 yrs)
Low TRL, **academic lead** with industry contribution of 20% cash required. 80% funding from Research council

F.eks. ProSMART (neste gen. Vern)

Man kan også søke om SkatteFUNN ved tilslag i Energix for IPN eller KPN eller FME

IPN Innovation Projects (1-3 yrs)
Industry led, bring research up to TRL 5. Minimum 50% cash and in-kind from industry.

F.eks IPN: Feil og avvikshåndtering
F.eks. IPN: FlexNet, DeVID



Large Research Centers with several research and industrial partners 160+ Mkr, 5-8 years.
Call out now (2015) (last call for FMEs in Norway)



Enova (kWh reduction)
Demonstration and market introduction

IFU / OFU Support for industry to develop new products or solutions



Network funding:
ARENA, NCE, GCE

International Projects

H2020 Innovation Action

High TRL, 5-7, Large Projects 6-12M€
Requires Demos and Implementing

H2020 Research and Innovation Action

Low TRL, 2-4 Small projects 3-5M€



H2020: Funding from the EU Commission:
http://ec.europa.eu/research/participants/port al/desktop/en/opportunities/h2020/master_calls.html