



Innovation i verdensklasse

DFiR-konference 5. september 2017

Deltag i samtalen på #innopol & #forskpøl



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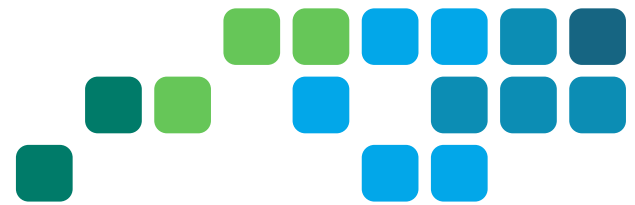


Danmarks Forsknings- og Innovationspolitiske Råd

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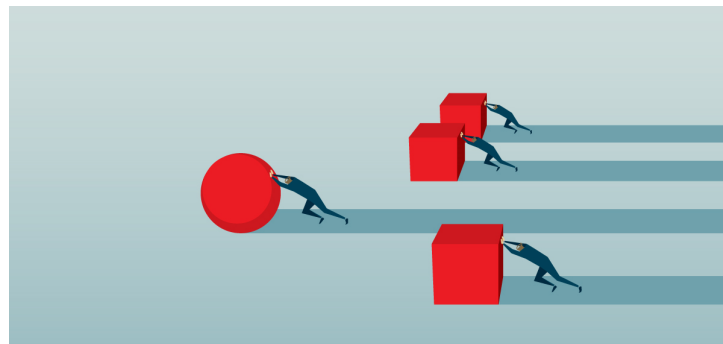
Jens Oddershede
Formand for DFiR

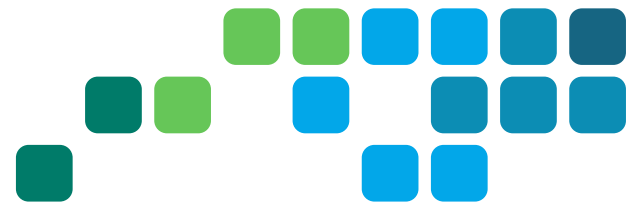


Innovation i verdensklasse

Det går godt med forskning og innovation i Danmark!
Hvordan udnytter vi det gode udgangspunkt bedre?

- Ministeren om dansk innovation
- Internationalt perspektiv
- Brugere/virksomhederne
- DFiR's arbejde med innovation





Begrebsafklaring

Innovation

:= videnbaseret innovation:

Omsætning af forskning og ny viden
til produkter, arbejdspladser og værdi i
erhvervslivet

Innovationsstrukturen :=

Systemet af offentligt finansierede aktører,
virkemidler og ordninger, som er til rådighed
for virksomheder, der vil udvikle sig gennem
innovation

DFiR – hvem er vi?

- Jens Oddershede, formand, professor, tidligere rektor
- Nickie Spile, næstformand, Program Manager, Novo Nordisk Fonden
- Katrine Krogh Andersen, forskningsdekan, DTU
- Søren Bech, forskningsdirektør, B&O og professor, Aalborg Universitet
- Anna Haldrup, institutleder, Københavns Universitet
- Thomas Bech Hansen, Vice President, FORCE Technology
- Maja Horst, professor, institutleder, Københavns Universitet
- Søren Rud Keiding, professor, prodekan, Aarhus Universitet
- Thomas Sinkjær, forskningsdirektør, Villum Fonden

Program

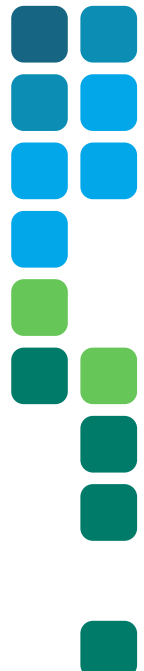
13.10 Samtale med uddannelses- og forskningsminister Søren Pind

13.30 Professor Dominique Foray, EPFL: (...) *the reasons behind the Swiss success as the most innovative country*

14.05 Director General Mark Ferguson, SFI, Sc. Adviser to the Irish Government: *How strategy has influenced the structure of the Irish eco-system (...) and the consequences*

14.40 Opsummering af DFiR's arbejde med innovation – ved Thomas Bech Hansen, medlem af DFiR

15.00 Kaffe



15.30 Borddrøftelser og debatoplæg modereret af Nickie Spile

16.15 CEO Niels Buus, Gomspace A/S:
Fra start-up virksomhed til børsnoteret selskab

16.35 Afsluttende debat modereret af Nickie Spile

16.55 Opsummering, tak for i dag ved Jens Oddershede

17.00 Forfriskninger



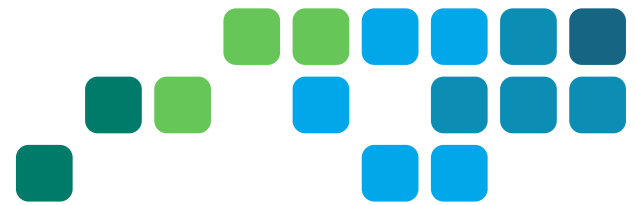
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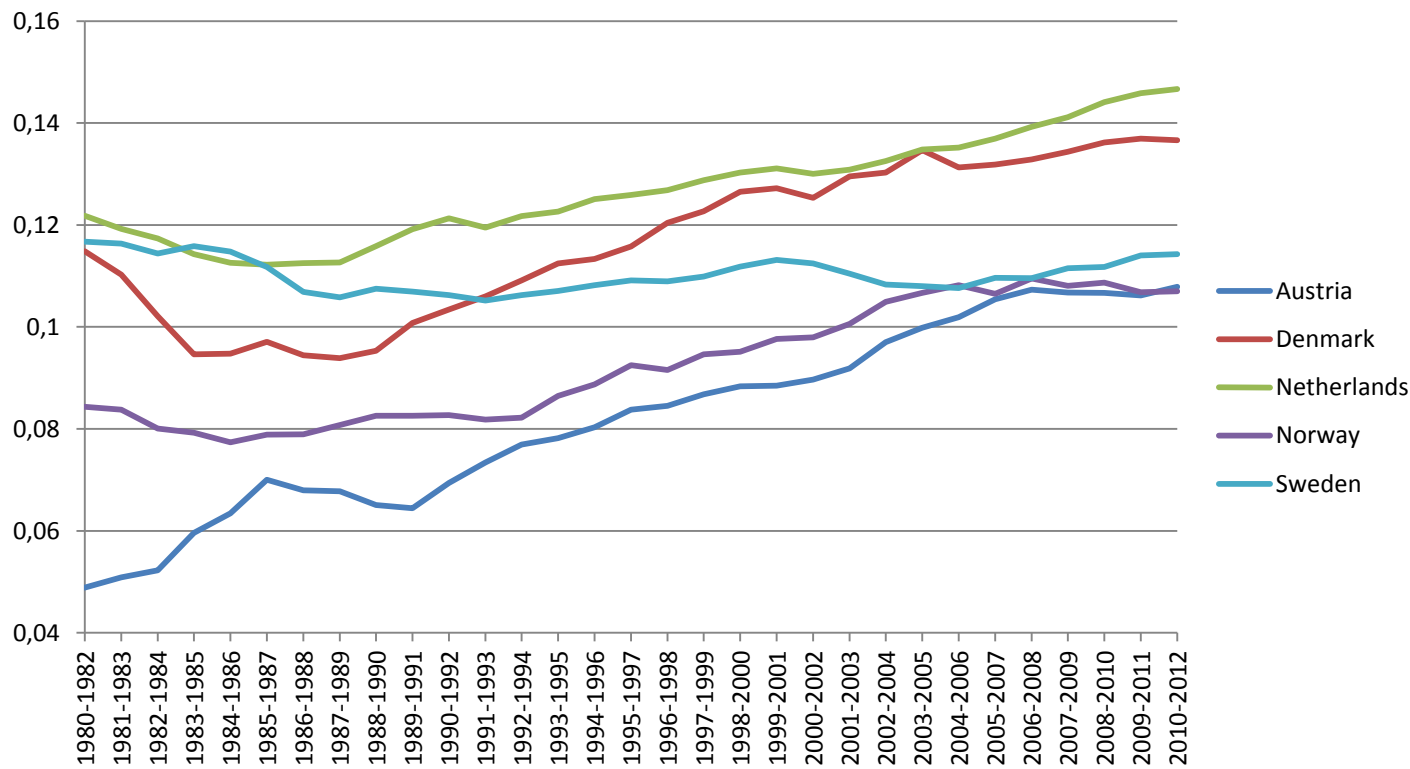
World Class Innovation (?)

DFiR analyses and observations

2017-09-05

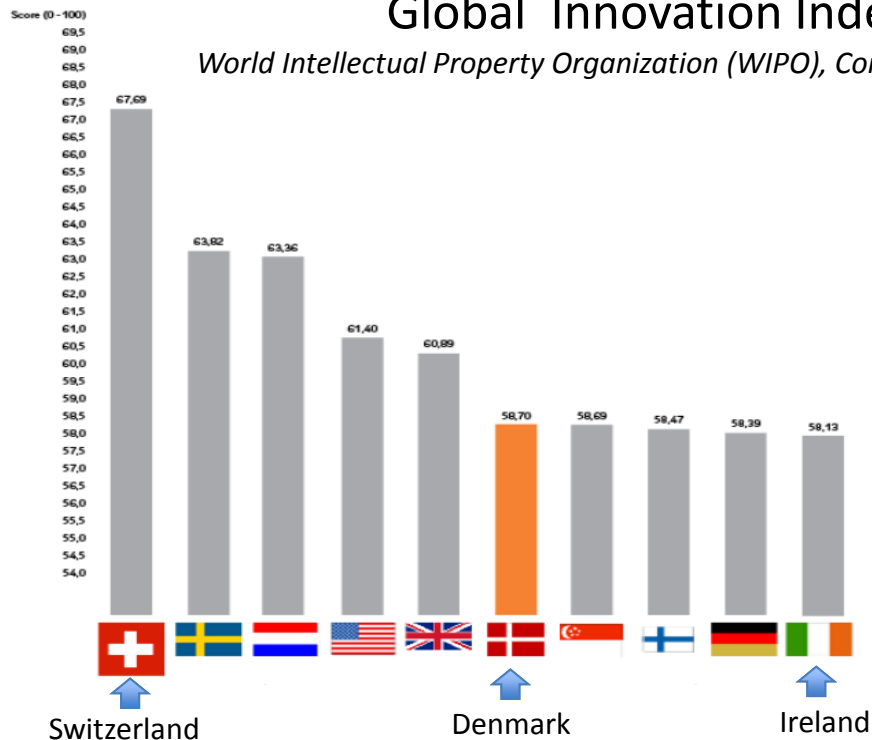
Thomas Bech Hansen
Vice President at FORCE Technology
Member of DFiR

Pre-conditions: World Class Knowledge



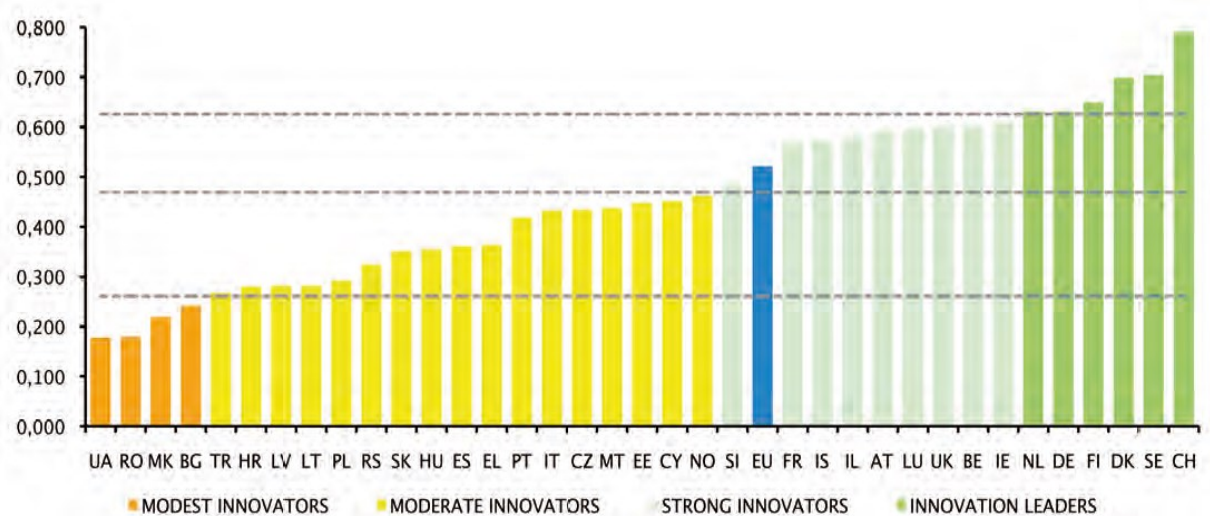
Global Innovation Index 2017

World Intellectual Property Organization (WIPO), Cornell University and INSEAD



European Innovation Scoreboard 2017

European Commission 2017



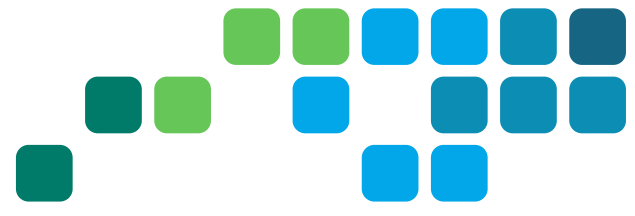


*A journey
through the
Danish
Innovation
landscape*

Recent DFiR-projects

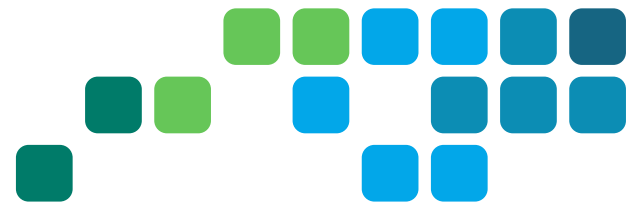
- **Knowledge in context:**
The innovation eco-system
(Annual report 2016)
- **Intersectoral mobility**
(2017)
- **World Class Knowledge**
(2016)





DFiR's findings: 6 issues of attention

- 
- 1) How to prioritize?
 - 2) Who is responsible?
 - 3) The lack of a systemic perspective?
 - 4) The absence of collaborative incentives?
 - 5) Who is the 'customer'?
 - 6) Transparency or not?



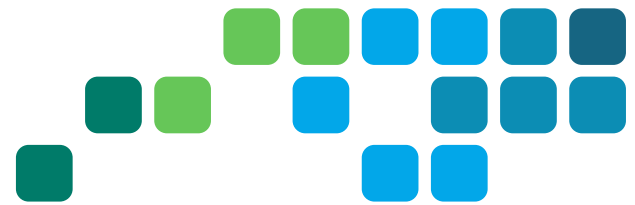
1. How to prioritize?

Status: In smaller economies, successful innovation comes with...

- Clear overall objectives for the effort
- Prioritization and focus on existing strengths

Danish challenges:

- 1) Recognition
- 2) Strategy
- 3) Structure



2. Who is responsible?

Status: Overall responsibility divided
between several ministries

Challenge: Division of responsibility and
tasks at national, regional
and municipal levels



3. The lack of a systemic approach?

Status: Knowledge-based
innovation perceived as
a linear process

Challenge: 1) Understand the innovation
eco-system
2) Focus on specific life-cycle
phases



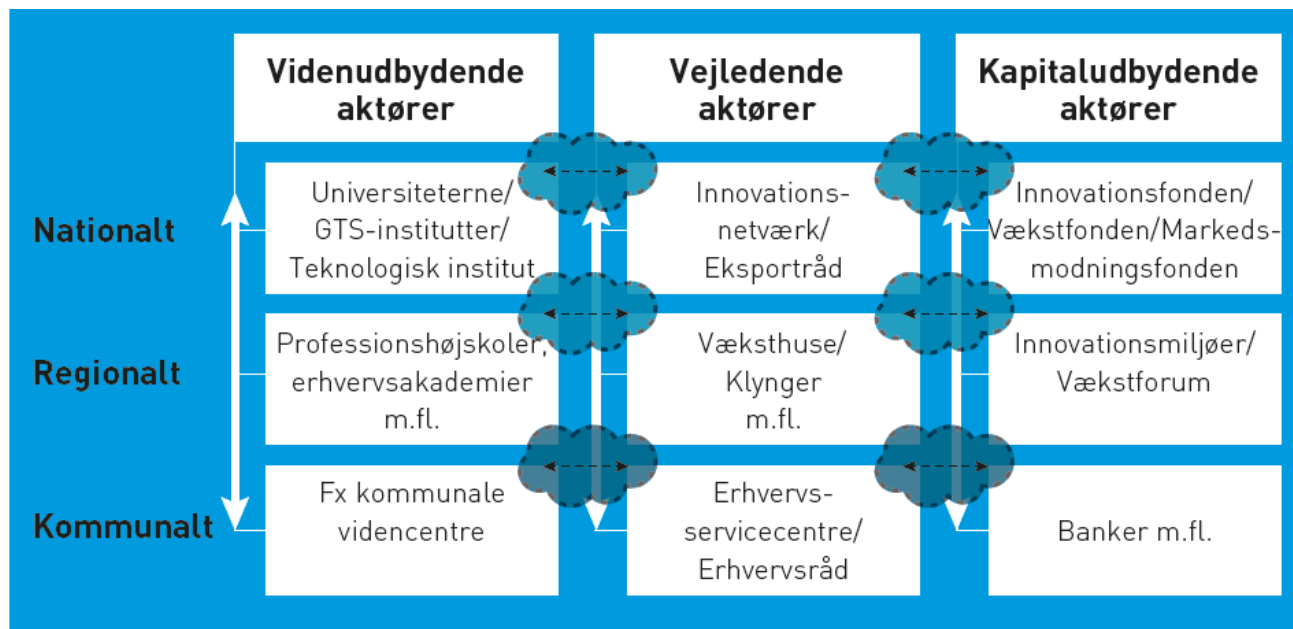
4. The absence of collaborative incentives?



Status: Many innovation stakeholders with different roles and KPIs

Challenge: Local competition between stakeholders rather than collaboration to survive in global competition

4. The absence of collaborative incentives?



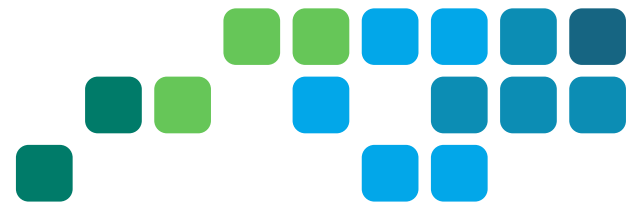
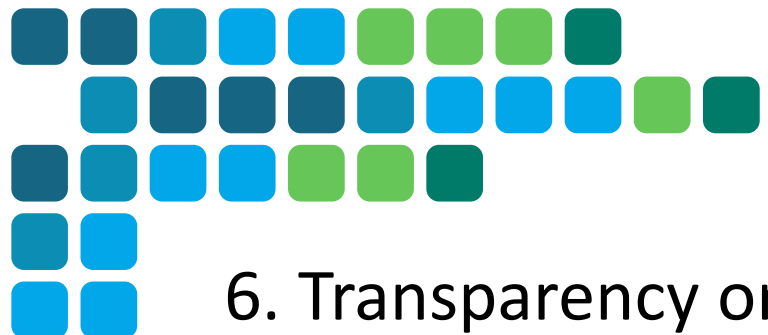


5. Who is (should be) 'the customer'?



Status: Focus on SMEs in the innovation supportive system: 92% of all Danish enterprises are SMEs !

Challenge: Whom should the system address to obtain most impact?



6. Transparency or not?

Status: The supportive innovation system does not appear transparent and easy to access

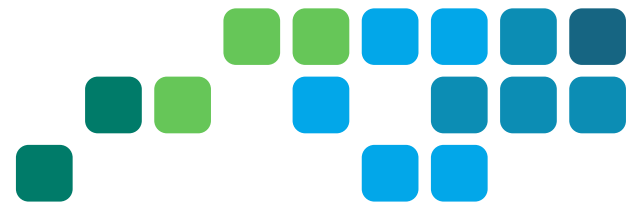
Challenge: How to make the system transparent?

- To the users
- To those who operate the system



DFiR's findings: 6 issues of attention

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DFiR Conferences: Your license to discuss

- 
- What is the main challenge in transferring more world-class knowledge in to innovation?
 - What would be the best next step?

Please share your opinion and suggestions...





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Borddrøftelser

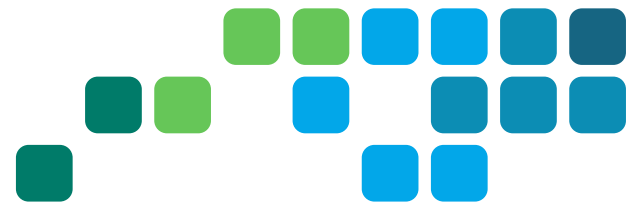
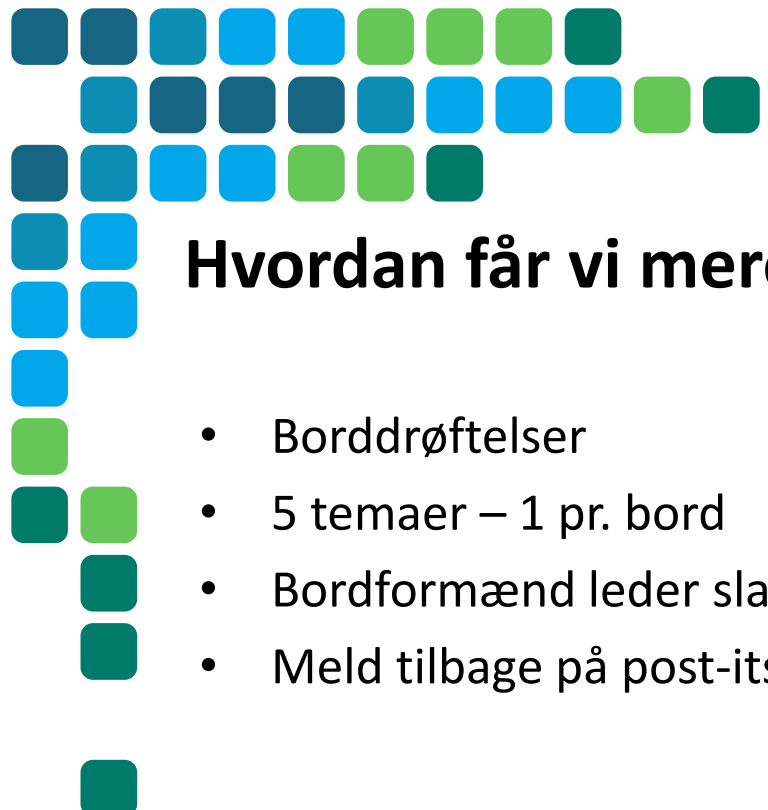
Nickie Spile
Næstformand for DFiR



Hvad har vi?

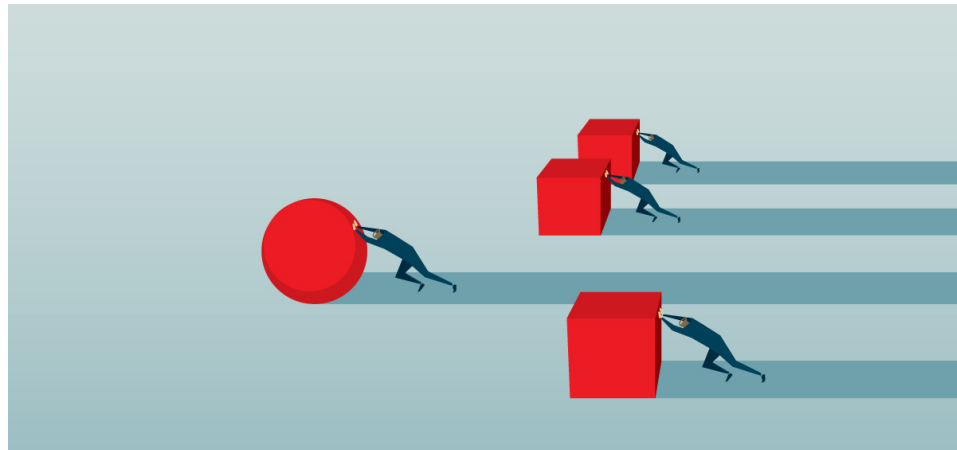
- Ministerens budskaber
 - Internationalt perspektiv fra Schweiz og Irland
 - DFiR's resultater og opmærksomhedspunkter
- 

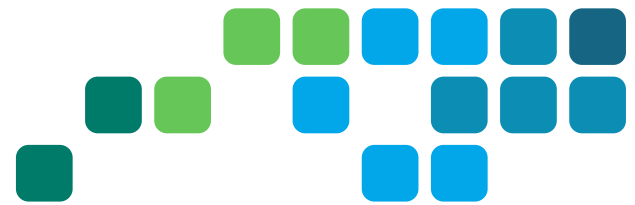




Hvordan får vi mere?

- Borddrøftelser
- 5 temaer – 1 pr. bord
- Bordformænd leder slaget
- Meld tilbage på post-its

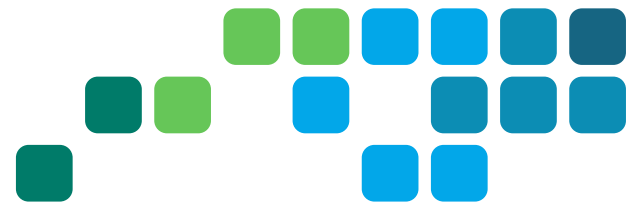




Spørgsmål 1

Kan de gode forudsætninger udnyttes bedre

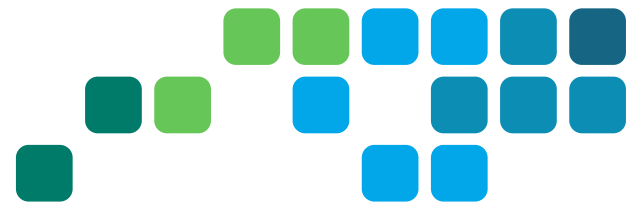
- Hvad er den største udfordring ved at få mere forskning omsat til innovation i verdensklasse?
- Hvordan udnyttes de gode forudsætninger endnu bedre til mere innovation i verdensklasse?



Spørgsmål 2

Er transparens vejen til et mere brugervenligt system?

- Hvad skal der til, for at systemet kommer til at kende sig selv bedre, så det kan vejlede brugerne, føre til synergier og skabe merværdi for samfundet?



Spørgsmål 3

Indikatorer for innovation

- Hvordan skal vi måle, så det giver incitament til at samarbejde om at fremme innovation som helhed og styrke Danmarks innovation i den globale konkurrence?
- Hvad skal vi måle?



Spørgsmål 4

Målgruppen for innovation

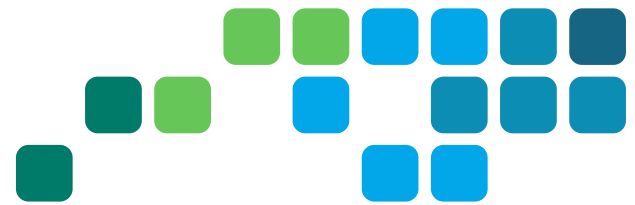
Hvilken type af SMV'er skal indsatsen målrettes mod?

- Vækstvirksomheder
- Særligt prioriterede fagområder eller brancher
- Start-ups eller scale-ups
- Store virksomheder

Er der målgrupper eller opgaver, som innovationsindsatsen ikke skal adressere?



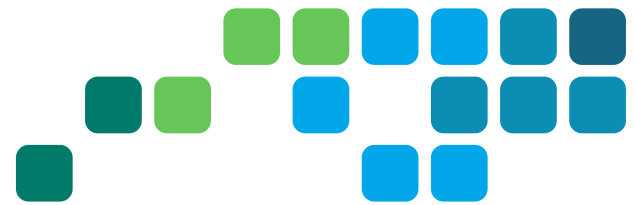
One size
does not
fit all



Spørgsmål 5

Næste skridt

- Hvordan målretter vi bedst de danske ressourcer til fremme af innovationen?
- Er der ting, du savner i den danske innovationsstruktur?



Videre proces

- 
- Opsummering på baggrund af borddrøftelserne i dag
 - Afrunding af DFiR's arbejde med innovationsstrukturen
 - Nyt innovationstema



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