

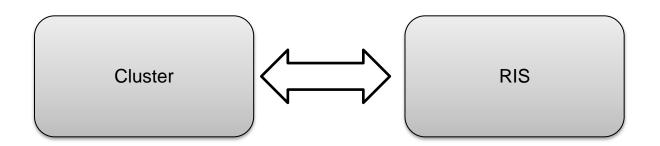
## The Interplay between Clusters and Regional Innovations Strategies (RIS)

Gerd Meier zu Köcker Tromsö 31 October 2017



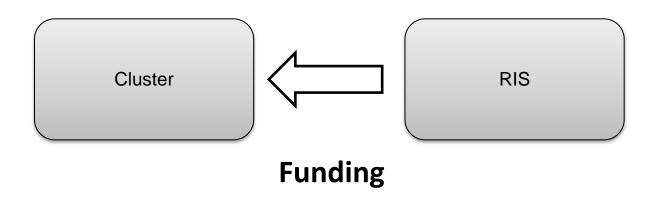


## The Inteplay between Cluster and RIS



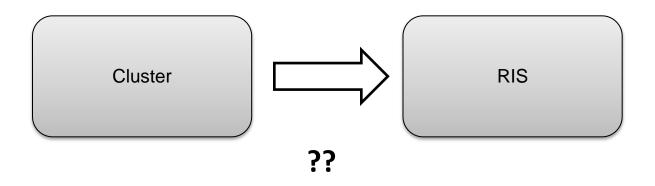


## The Inteplay between Cluster and RIS



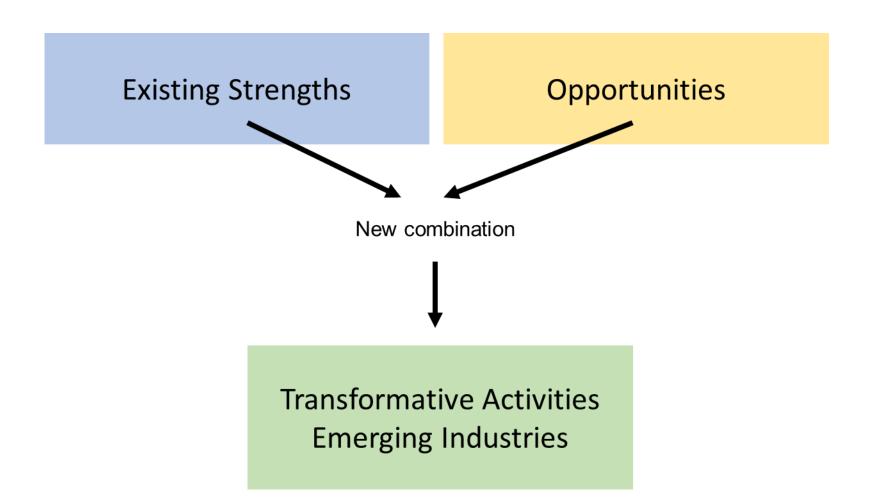


## The Inteplay between Cluster and RIS





## **RIS Approach**





## **RIS Approach**

### Why RIS3? (rationale)



Critical mass as a key determinant of R&D productivity, creativity & innovation

Agglomeration

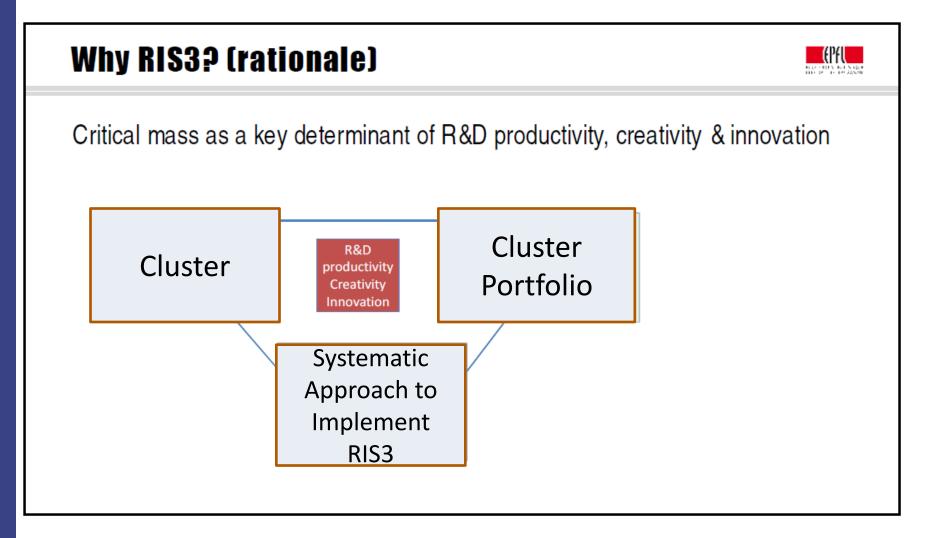
R&D productivity Creativity Innovation

Complementary capabilities

Knowledge circulation and recombination



### **Success Factors to Implement RIS**



© Foray, Fribourg, 2016



#### **Prognosis of Transformative Activities**

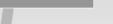
- R&D Activities
- Entrepreneurial Discovery Workshop
- Trendscanning

#### **Areas of Intervention**

Policy Instruments

Regional Innovation Strategy Artic (T&F)

Menu of Integrated Solutions



- Policy on national level
- Policies of neighbouring regions

- Cluster Initiatives
- TechTransfer Centres
- Universities
- Incubators
- Innovation Labs
- .....

#### **Regional Priority Areas**

**Status Quo** 



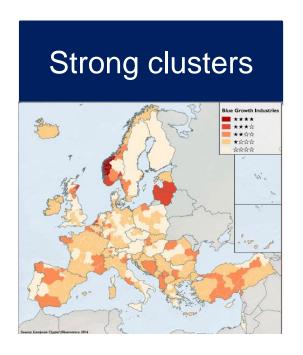
- Statistical Analyses
- Regional Cluster Portfolio
- RCES

**StressTest** 

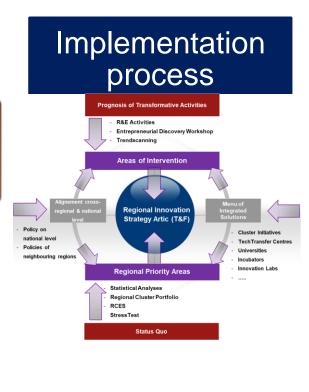
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## Ingredients for RIS in Arctic (T&F)









#### **Prognosis of Transformative Activities**



- **R&D** Activities
- **Entrepreneurial Discovery Workshop**
- **Trendscanning**

#### Areas of Intervention



**Policy** Instruments

**Regional Innovation** 

Menu of Integrated Solutions



- Policy on national level
- Policies of neighbouring regions

Strategy Artic (T&F)

- Cluster Initiatives
- TechTransfer Centres
- Universities
- Incubators
- Innovation Labs

#### **Regional Priority Areas**



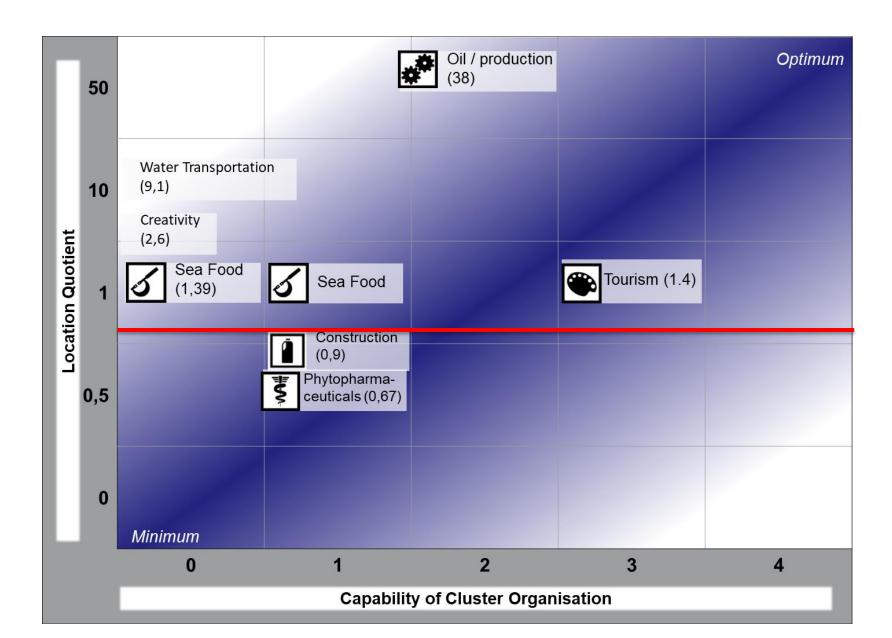
- Statistical Analyses
- Regional Cluster Portfolio
- **RCES** 
  - StressTest

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**Status Quo** 



## Regional Cluster Portfolio Arctic (T&F)





#### **Prognosis of Transformative Activities**



- R&D Activities
- Entrepreneurial Discovery Workshop
- Trendscanning

#### **Areas of Intervention**

Policy

Regional Innovation Strategy Artic (T&F)

Menu of Integrated Solutions

- olutions
  - Cluster InitiativesTechTransfer Centres
  - Universities
  - Incubators
  - Innovation Labs
  - .....

- Policy on national level

 Policies of neighbouring regions

#### **Regional Priority Areas**



- Statistical Analyses
- Regional Cluster Portfolio
- RCES

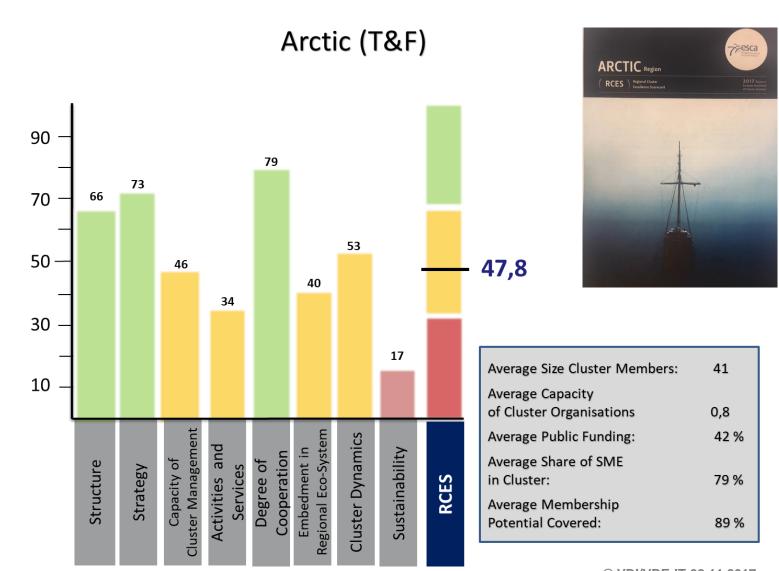
**StressTest** 

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**Status Quo** 

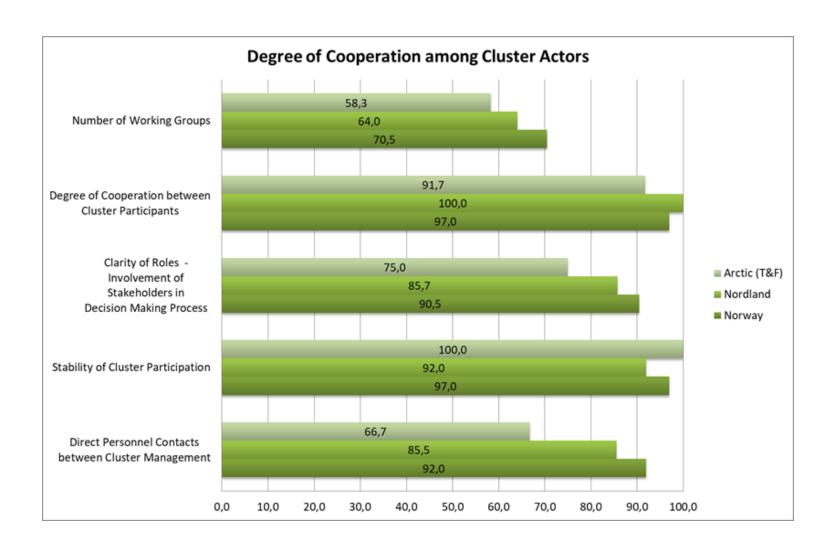


### **Regional Cluster Excellence Scorecard**



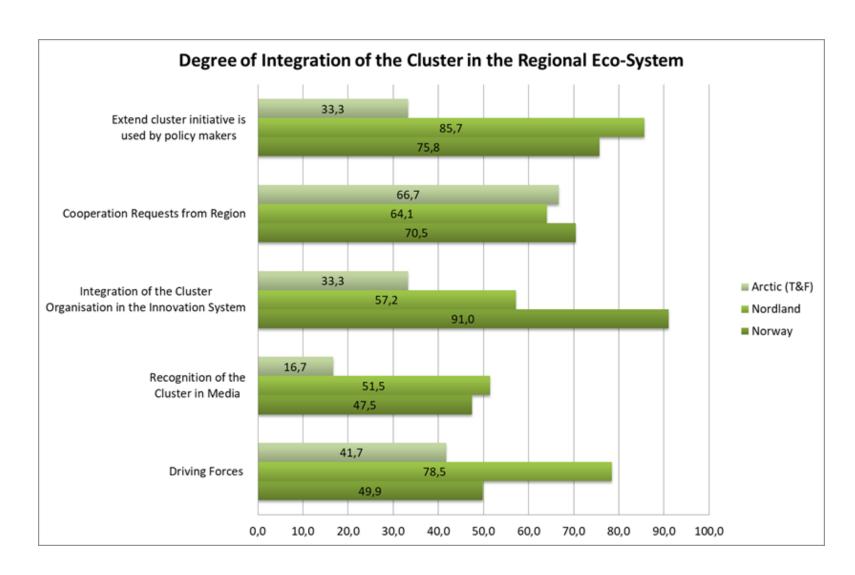


## Regional Cluster Excellence Scorecard Arctic (T&F)



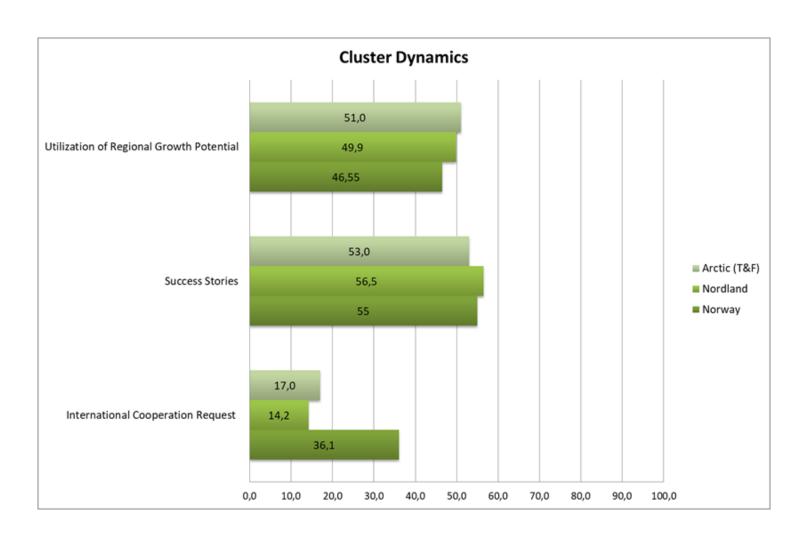


## Regional Cluster Excellence Scorecard Arctic (T&F)





## **Regional Cluster Excellence Scorecard**





#### **Prognosis of Transformative Activities**



- R&E Activities
- **Entrepreneurial Discovery Workshop**
- **Trendscanning**



#### **Areas of Intervention**



regional & national

Menu of Integrated Solutions



- Policy on national level
- Policies of neighbouring regions

**Regional Innovation** Strategy Artic (T&F)

- Cluster Initiatives
- TechTransfer Centres
- Universities
- Incubators
- Innovation Labs

#### **Regional Priority Areas**



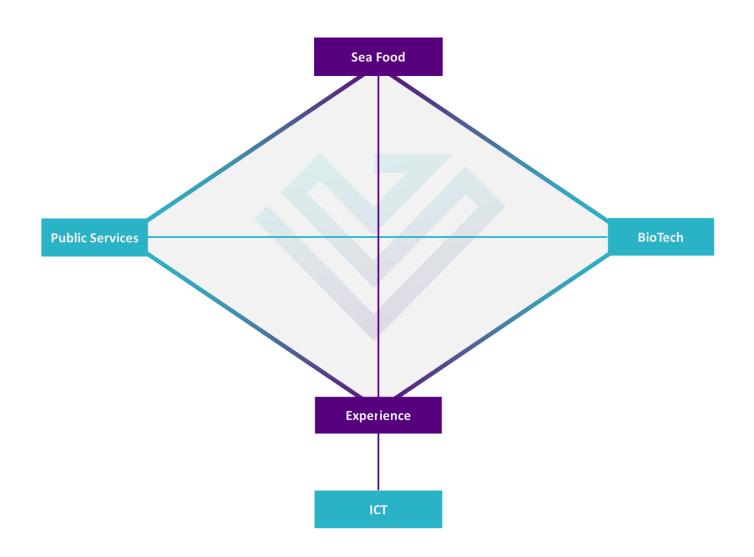
- Statistical Analyses
- Regional Cluster Portfolio
- **RCES** 
  - StressTest

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**Status Quo** 



## RIS Synergy Diamond for Arctic (T&F) Region





#### **Prognosis of Transformative Activities**



- **R&E** Activities
- **Entrepreneurial Discovery Workshop**
- **Trendscanning**

#### Areas of Intervention



**Policy** Instruments

**Regional Innovation** 

Menu of Integrated Solutions



- Policy on national level
- Policies of neighbouring regions

Strategy Artic (T&F)

- Cluster Initiatives
- TechTransfer Centres
- Universities
- Incubators
- Innovation Labs

#### **Regional Priority Areas**



- Statistical Analyses
- Regional Cluster Portfolio
- **RCES**

**StressTest** 



**Status Quo** 

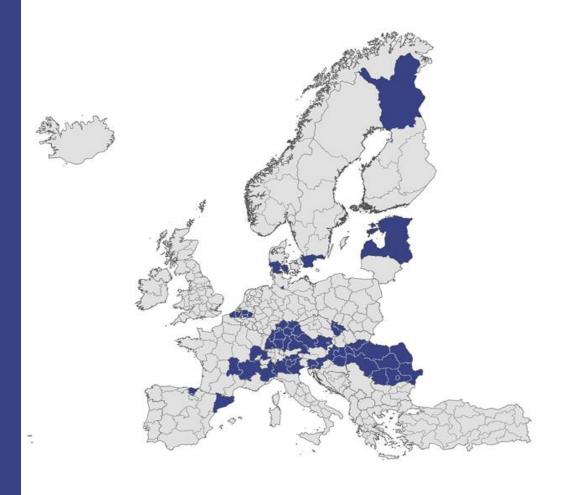
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## **StressTesting**

## **Regional Approaches Conducive to Implement S3 through Clusters**



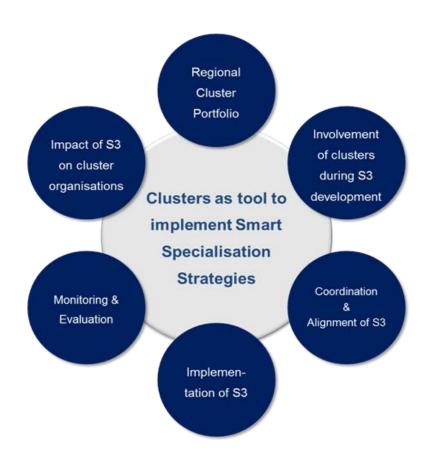


#### At a Glance

- 25 European regions participated
- Exercised completed in 2016 / 2017
- More than 500 cluster managements, policy managers, regional developers etc. involved



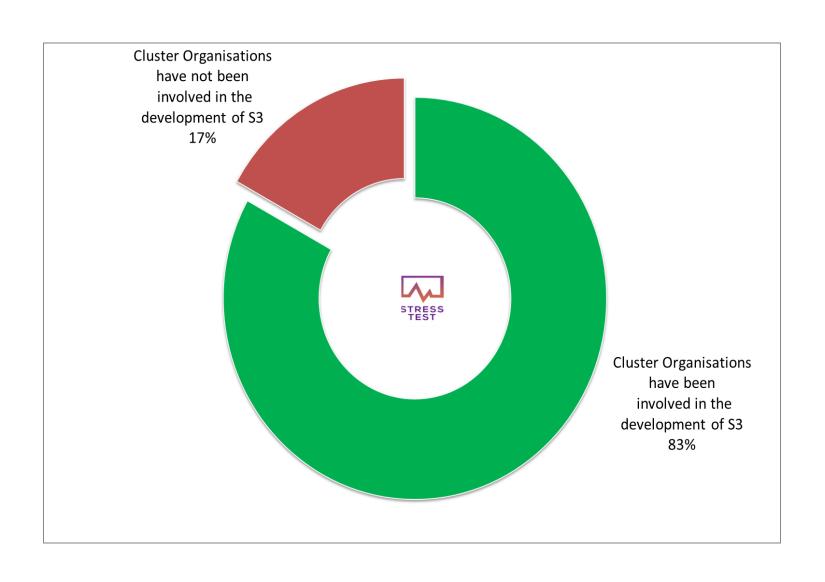
## **Key Determinantes of RIS Development and Implementation Process**



21



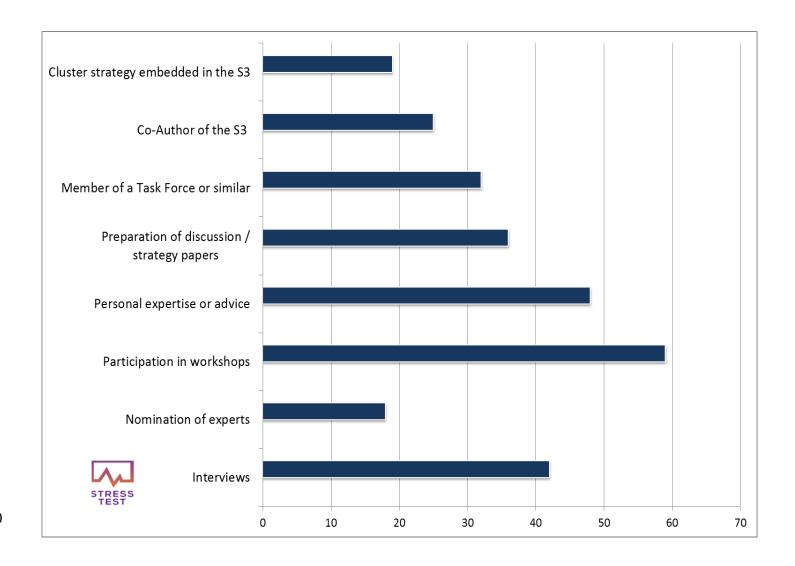
## Majority of cluster organisations has been involved in S3 development.....





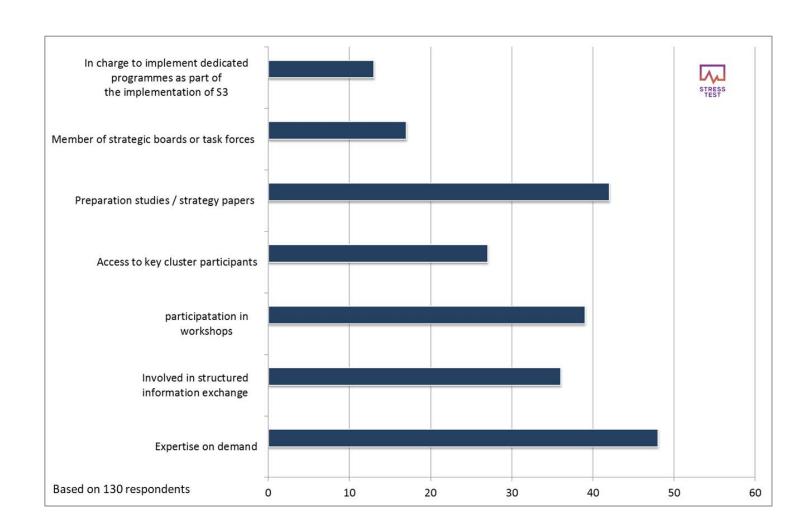
### ... but to a very different extent

How cluster organisations contributed to S3 development





# How Cluster Initiatives Support Regional Policy Makers to Implement RIS

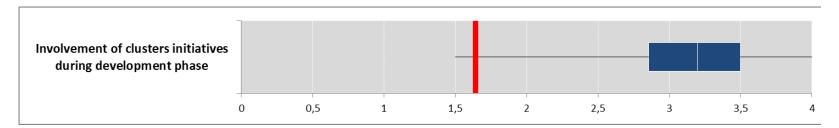




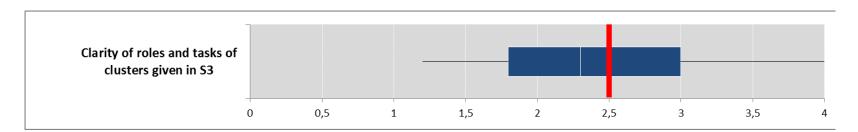
## StressTest Findings for a selected Baltic Region



#### Involvement of cluster initiatives during the S3 development phase



#### Clarity of roles and tasks of clusters given in S3

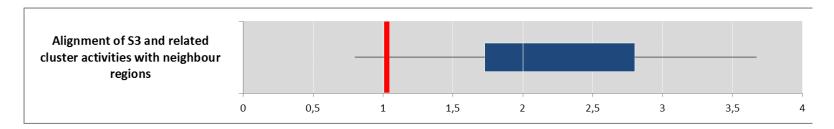




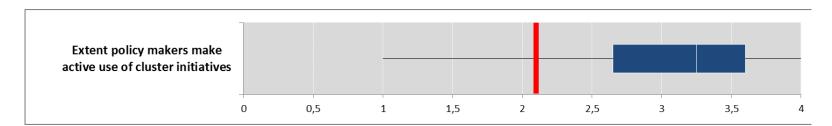
## StressTest Findings for a selected Baltic Region



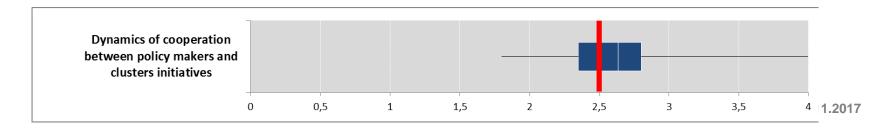
#### Alignment of S3 with other policy instruments of neighbouring regions



#### Extent policy makers make active use of cluster initiatives



#### Dynamics of cooperation between policy makers make and cluster initiatives





## **Contact**

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