# STAKEHOLDER INVOLVEMENT IN ADAPTATION TO CLIMATE CHANGE

11 May 2016 Adaptation Futures Conference Rotterdam | Tara Geerdink



Stakeholder involvement in adaptation to climate change



### INTRODUCTION



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### **ROTTERDAM PORT CASE**







• Roads

RailwaysPipelines

Shipping

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# **CHALLENGES ROTTERDAM PORT CASE**

- ) How to deal with the high number of stakeholders and even higher number of persons?
- Interdependencies infrastructure networks
- Dependence on electricity network
- When is it a problem? Translation to stakeholders
- > How to determine the level of acceptable risk?
- > Who makes the decisions?



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### **PARIS CITY CASE**



- > City of Paris: 2.25 million inhabitants
- Major risks: floods, heat waves, droughts, torrential rains...
- Vulnerable groups: inhabitants of flood-prone areas, elderly, isolated and homeless people, people with reduced mobility...
- > Need to better adapt to climate change and need to better protect critical infrastructure
- Many stakeholders (27 organisations);
  - Municipality departments/organizations
  - Governmental organizations
  - Network operators / providers
  - Research organizations

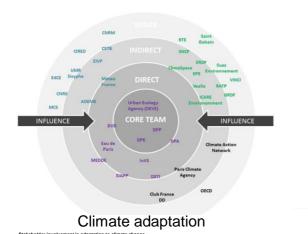
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# **PARIS CITY CASE STAKEHOLDERS**



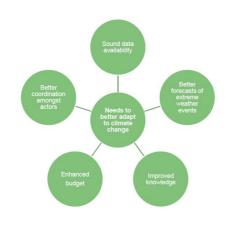


Critical infrastructure





### **PARIS CITY CASE CHALLENGES**





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# **CHALLENGES SO FAR**

- ) (Risk) awareness
- Collaboration between the different stakeholders
- > Lack of joint perspective on:
  - ) the issue
  - ) the interdepencies between infrastructure networks
  - ) the involved stakeholders
    - roles
    - responsibilities
    - > who needs who

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### CONCLUSION

- Planning for successful climate change adaptation strategies requires involvement of many different stakeholders
- Collaboration between the stakeholders (public and private) with different interests and responsibilities is needed
- > Here for a well-designed process is needed with attention for transparency, open communication, trust and relationships, roles and responsibilities

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# **REFERENCES**

- > INTACT project: www.intact-project.eu
- RESIN project: www.resin-cities.eu

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