



SOTSIAALMINISTEERIUM

# JPI AMR

Teaduse ühisprogrammeerimise algatus „Antimikroobne resistentsus“

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# Mis on JPI (*Joint Programming Initiative*)?

Euroopa Komisjoni poolt algatatud (2008) – üks Euroopa Teadusruumi (ERA) prioriteetidest

- Koos ühiste suurte väljakutsete lahendamise
- Koordineerida riiklikke teadusprogramme
- Koondada ressursse, vältida dubleerimist

## JPIde tegevused:

- Riiklike teadusprogrammide joondamine
- Strateegiline koostöö ja rahvusvahelistumine
- Teavitustegevused
- Taotlusvoorude korraldamine
- Valdkondlike poliitikate toetamine

JPIs ja selle tegevustes osalemine on riikide jaoks **vabatahtlik** – kõikides tegevustes osalema ei pea

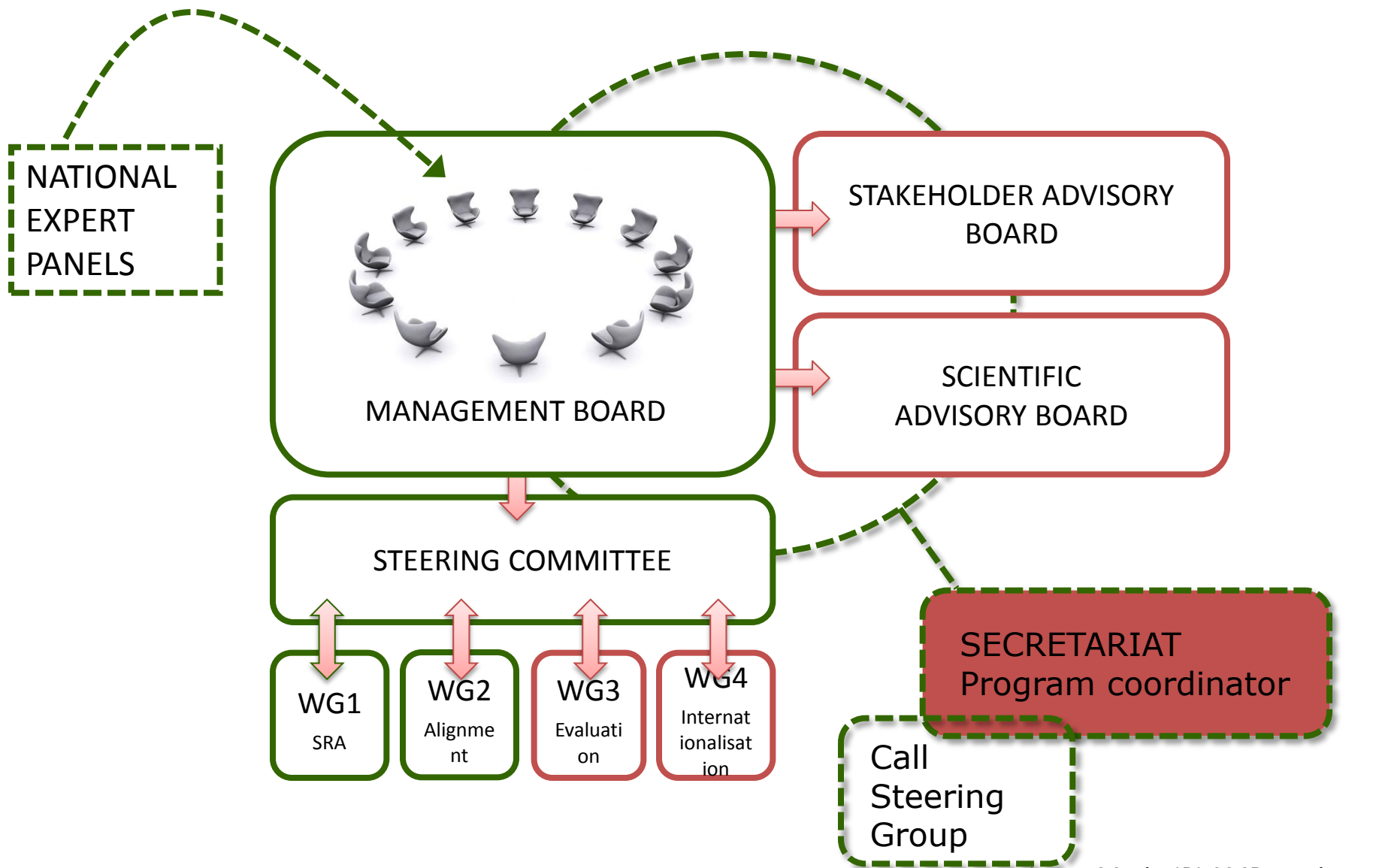
# Olemasolevad JPId

- 1) Alzheimer and other Neurodegenerative Diseases (JPND)
- 2) Agriculture, Food Security and Climate Change (JPI FACCE)
- 3) A Healthy Diet for a Healthy Life (JPI HDHL)
- 4) Cultural Heritage and Global Change: A New Challenge for Europe (JPI CH)
- 5) Urban Europe - Global Urban Challenges, Joint European Solutions (JPI UE)
- 6) Connecting Climate Knowledge for Europe (JPI Climate)
- 7) More Years, Better Lives - The Potential and Challenges of Demographic Change (JPI MYBL)
- 8) Antimicrobial Resistance - The Microbial Challenge - An Emerging Threat to Human Health (JPI AMR)
- 9) Water Challenges for a Changing World (JPI Water)
- 10) Healthy and Productive Seas and Oceans (JPI Oceans)

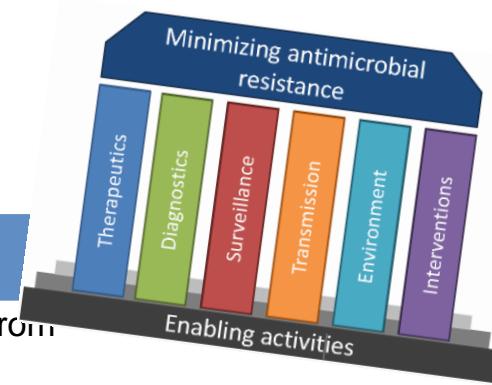
# Antimicrobial Resistance - The Microbial Challenge - An Emerging Threat to Human Health (AMR)

- Tartu Ülikool koordineerib „Teaduse rahvusvahelistumise“ programmist saadud vahendite toel ettevalmistavaid tegevusi kuni august 2015. Projektijuht Marju Vahter ([marju.vahter@ut.ee](mailto:marju.vahter@ut.ee))
- Korraldatud on temaatilised töötoad (28.04.2014) „Antibiootikumiresistentsuse väljakutsed ja T&A võimekus“ ja “Eesti võimalik ühinemine programmiga “Joint Programming Initiative – Antimicrobial resistance”. Vajadused ja väljakutsed” (03.11.2014)
- Loodud on veebileht, mis koondab antibiootikumide resistentsuse alast infot ja uuringuid: <https://sisu.ut.ee/amr>
- Eesti ei ole JPI AMR taotlusvoorudes osalenud ega liitunud algatusega.
- JPI AMR Management Board kohtumistel osaleb SoMi esindaja vaatelejana.
- JPI AMRil on 19 liiget.

# Governance Structure *(since 2012)*



# Strategic Research Agenda



## Therapeutics (A)

- Development of novel antibiotics and alternatives for antibiotics – from basic research to the market.

## Diagnostics (B)

- Design strategies to improve treatment and prevention of infections by developing new diagnostics.

## Surveillance (C)

- Standardisation and extension of surveillance systems to establish a global surveillance programme on antibiotic resistance and antibiotic use.

## Transmission (D)

- Transmission dynamics

## Environment (E)

- The role of the environment as a source for the selection for and spread.

## Interventions (F)

- Designing and testing interventions to prevent acquisition, transmission and infection caused by AMR.

# Implementation phase 2014-2015

## Mapping and Evaluation Activities

- National and international mapping exercises. Gap analysis - scale and scope of research activity. Framework of Evaluation.
- Analysis of output and bibliometrics for EU funded AMR research projects

## Internationalisation activities

- Jointly develop with the WHO an AMR Global Research Agenda
- Work towards partnership with countries outside Europe

## Alignment of research plans

- Work with member countries to align national research plans with the SRA

## Exploratory / Scoping research workshops

- Research infrastructures, diagnostics, therapeutics

## Calls

- First call “InnovaResistance” January, 2014
- Proof of concept call 2015
- Horizon2020 ERA-Net Cofund joint call 2016



# JPI AMR taotlusvoorud

## 1) First transnational call (2014)

### **InnovaResistance: Innovative approaches to address antibacterial resistance**

- 13 participating countries

*Aim: The primary aim of this first joint call of JPIAMR is to combine the resources, infrastructures, and research strengths of multiple countries in order to overcome antibiotic resistance.*

Funded 7 projects with total budget over 8 M €

## 2) Second transnational call (2015)

### **Call for translational research on repurposing of neglected antibiotics and characterizing antibiotics or antibiotic and non-antibiotic combinations to overcome bacterial antibiotic resistance (2015)**

- 9 participating countries
- Deadline for pre-proposal applications: 12 May, 2015
- Total budget 9,6 M €.

**H2020 tööprogrammis 2015. a ERA-Net Cofund „Antimicrobial**

# Other activities in with Stakeholders and international partners in progress

Link to other initiatives with common interests (e.g WHO)

Engagement plan with the industry:  
Joint Group EC-JPI-IMI – EPFIA

Joint Action with DG Sanco



Rohkem infot JPI AMR kohta:

<http://www.jpiamr.eu/>

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European Union  
Regional Development Fund



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