



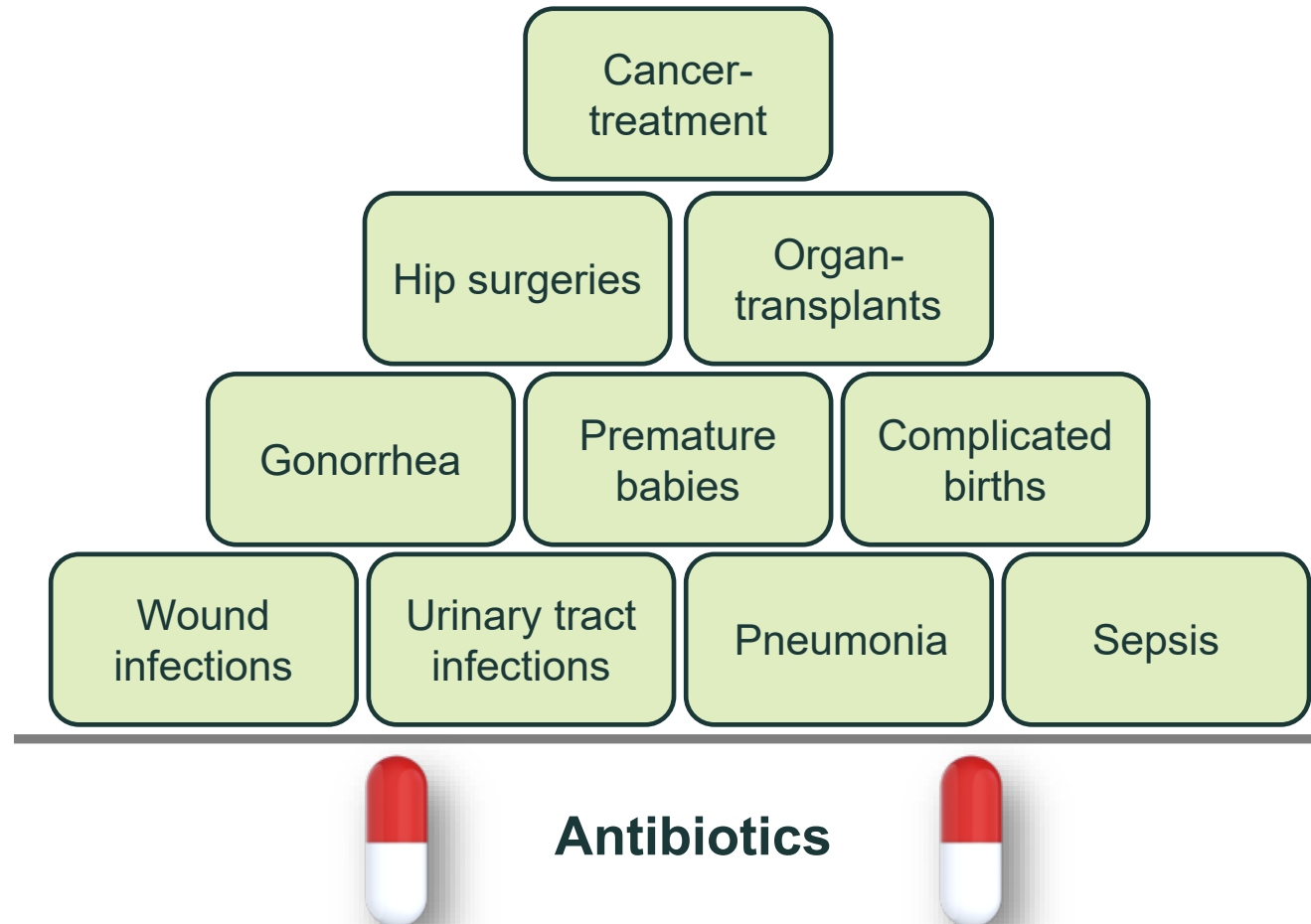
Antibiotic Smart Sweden

Camilla Björn, RISE Research Institutes of Sweden
camilla.bjorn@ri.se

Antibiotikasmart® är ett registrerat varumärke som ägs av Strama Stockholm.
Antibiotikasmart® Sverige genomförs med finansiering från Vinnova.



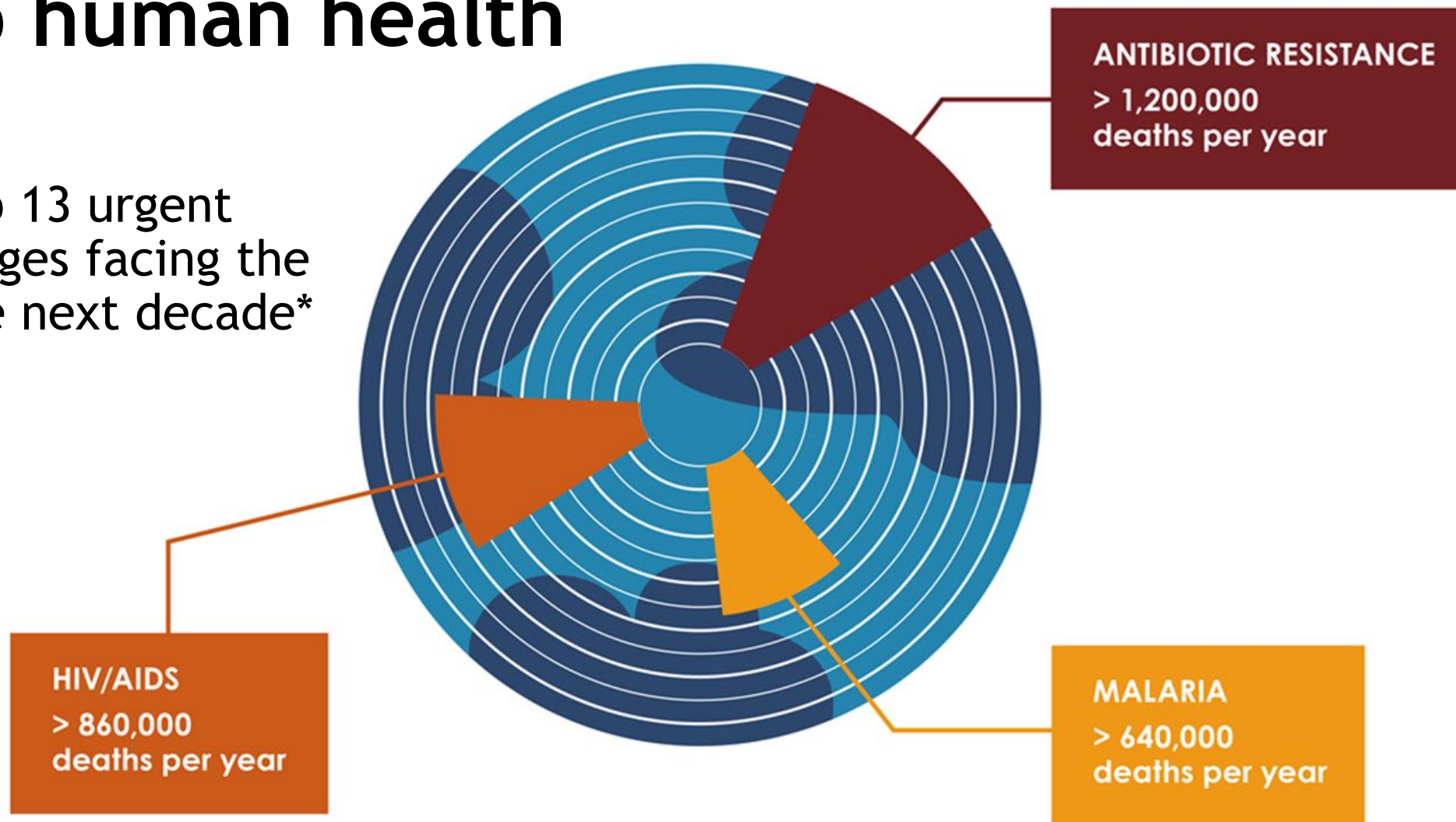
Our health and modern healthcare depend on antibiotics





Antibiotic resistance - Threat to human health

- One of the top 13 urgent health challenges facing the world over the next decade*



Antibiotic resistance - Threat to animal health



Antibiotic resistance - Threat to society and sustainable development

- Keeping antibiotics effective is necessary to fulfill several of the sustainable development goals*





Antibiotic resistance - Complex challenge

- Multiple needs: Limiting use of antibiotics, discovery of new antibiotics or alternative ways to treat infectious diseases, preventing infections and limiting spread of resistance.
- Multisectorial: Human-animal-food-environment
- It cannot be “solved” by a single actor - all sectors need to contribute and jointly securing that antibiotics remain effective*

• [* https://www.reactgroup.org/wp-content/uploads/2019/02/When-the-Drugs-Don%E2%80%99t-Work-Antibiotic-Resistance-as-a-Global-Development-Problem-Feb-2019.pdf](https://www.reactgroup.org/wp-content/uploads/2019/02/When-the-Drugs-Don%E2%80%99t-Work-Antibiotic-Resistance-as-a-Global-Development-Problem-Feb-2019.pdf)



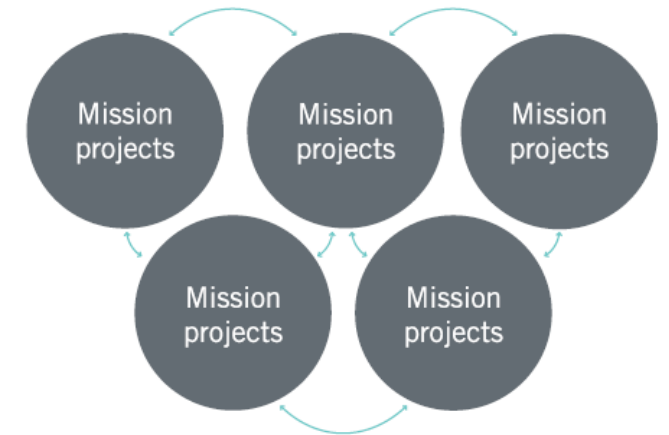
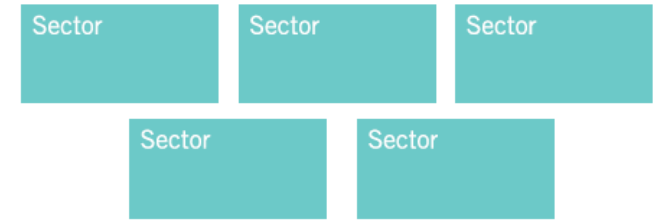
Vision/mission

**Antibiotic Smart Sweden
- the whole society helps
to keep antibiotics
working**



Grand
challenge

Mission



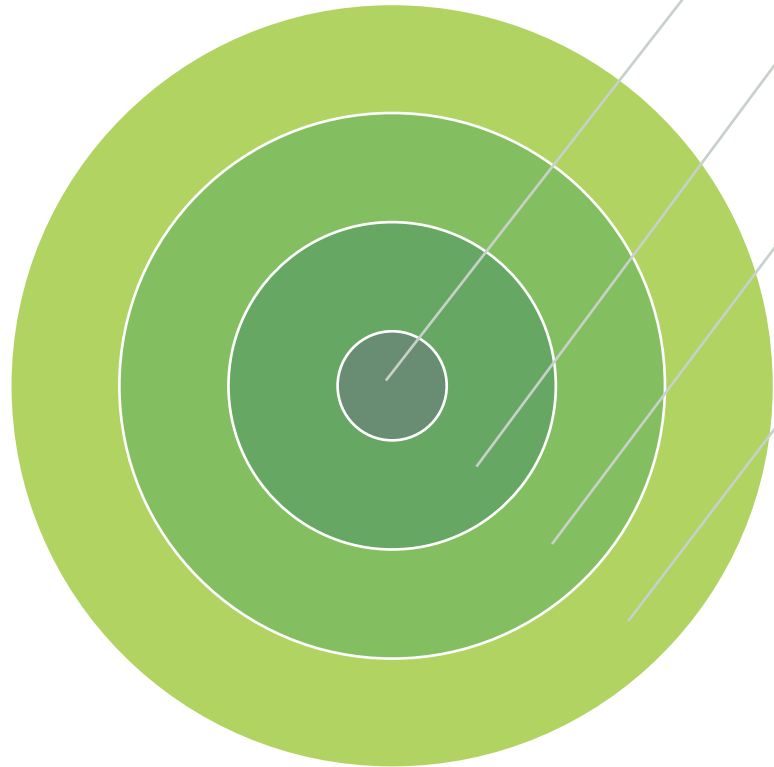
Antibiotikasmart® Sverige

Antibiotic Smart Sweden

- Innovation milieu started Nov 2019
- Funded by Vinnova the Swedish innovation agency within the programme “Vision-driven health”
- Mission-oriented approach - where different actors and sectors work towards a common bold and inspirational mission to meet a grand challenge

The innovation milieu

Antibiotic Smart Sweden



Management



RI
SE

Core team



ReAct

Partners



TANUMS
KOMMUN



LUNDS
KOMMUN

Region
Gävleborg

Many other
collaboration
partners



NÄSSJÖ
KOMMUN



Region Stockholm



VÄSTRA
GÖTALANDSREGIONEN

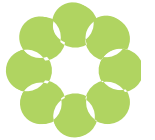


Region
Jönköpings län

We want to be more & do more

- Get all parts of society involved in efforts that help to keep antibiotics working
- Create a long-term environment where different types of actors can collaborate
- Attract new actors and target groups
- Reinforce and spread good efforts that are already out there
- Test and evaluate new approaches

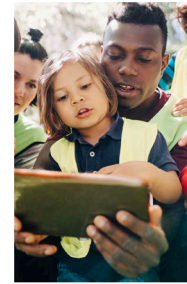




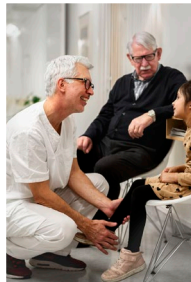
Long-term goals to achieve the mission



1 million Antibiotic Smart Citizens by the year 2030



100 Antibiotic Smart Municipalities by the year 2030



All 21 Swedish regions are Antibiotic Smart by the year 2030



10 international collaborations initiated

What is an antibiotic-smart society?

- Citizens have knowledge about the consequences of antibiotic resistance, what they can do to reduce spread of infections and how to use antibiotics in a wise way
- Municipalities and regions are integrating infection control and antibiotic-related perspective at all levels
- We exchange knowledge and collaborate with international actors
- We view antibiotic resistance as a threat to our society and sustainable development





Current work packages

WP1

Citizens

Increase knowledge and strengthen good behavior

WP2

Municipalities and regions

Help to bring an infection/antibiotics perspective into their work

WP3

International collaboration

Link Antibiotics-smart "thinking" to projects, collaborations, dialogues

WP4

Expanded collaboration

How can we get more actors/sectors involved



Criteria for Antibiotic Smart municipalities/regions

Municipalities

- Management level
- School
- Pre-school
- Care for elderly and disabled
- Water and wastewater organisations

Region

- Management level
- Hospitals
- Primary care

- Developed in dialogue with relevant actors

Purpose of the criteria

- Create commitment, provide inspiration and increase the will to work with the antibiotic resistance issue and infection control perspective
- Put spotlight on important areas to address within each respective context
- Possibility to be designated as Antibiotic Smart



Antibiotic Smart
Municipality



Antibiotic Smart
Region



Antibiotic Smart
Organisation



Pilot-testing of criteria

- Pilot tests are currently ongoing for:
 - Water and wastewater organizations
 - Pre-schools
 - Schools
 - Care for elderly and disabled

VI ÄR EN PILOTVERKSAMHET FÖR



- Possibility to expand to other sectors and countries

Photo: Fotograf Lars Owesson





Interested in collaboration?
Please contact:

camilla.bjorn@ri.se

www.antibiotikasmartsverige.se

Thank you!