

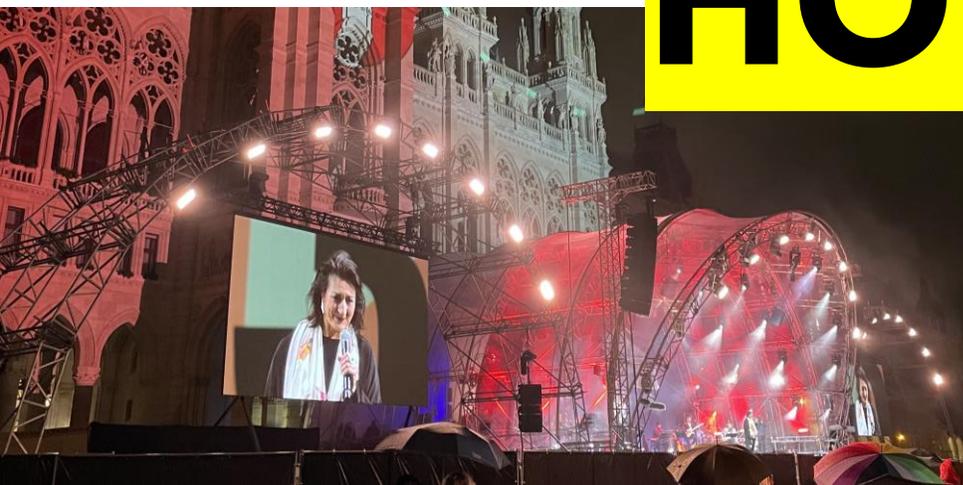


**HOPE or no HOPE?
That's the question.**





HOPE!





Climate and Environment

Challenges for Hospitals and
Healthcare Services

Austria

Group Introduction

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Deutschland

Our host country: Austria



Niederösterreich

Oberösterreich

Wien

Burgen-
land

Tirol

Salzburg

Steiermark

Tirol

Kärnten

Italien

Ungar

Slov

Fields of Action



ENERGY, BUILDINGS
& GREEN SPACES



WASTE &
RESOURCES



FOOD SYSTEM



PHARMACEUTICALS
& MEDICAL
PRODUCTS



MOBILITY &
TRANSPORT



AWARENESS
RAISING &
COMMUNICATION



SUSTAINABLE
SUPPLY CHAIN

- Renewable energy (solar panels, photovoltaic, heat pumps)
- Better insulation
- Greening of rooftops
- LED lighting



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MOBILITY &
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AWARENESS
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COMMUNICATION



SUSTAINABLE
SUPPLY CHAIN

- Reduction of bottled water
- Food waste going to biogas centres



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SUSTAINABLE
SUPPLY CHAIN

- Increasing regional and seasonal organic produce



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SUSTAINABLE
SUPPLY CHAIN

- Recycling of anesthetic gases
- Organic packaging for repacking pills (Cellulose)



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SUSTAINABLE
SUPPLY CHAIN

- Mobility apps
- Encouragement for public transport and bikes
- Better infrastructure
- Electric charging points



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AWARENESS
RAISING &
COMMUNICATION



SUSTAINABLE
SUPPLY CHAIN

- Multilingual workshops
- Education on health literacy
- Health professionals as multipliers



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SUSTAINABLE
SUPPLY CHAIN

- Certified suppliers
- Implementation for environmental criteria for procurement processes



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SUSTAINABLE
SUPPLY CHAIN

Reduction of food waste

- United against waste - an Austrian initiative
- Employees **order lunch in advance** (until 9 am the same day)
- **Smaller meat portions** in favor of vegetables
- Different **portion sizes** customised to staff and patient needs (small, medium, large)



Efficient usage of energy

Waste **heat** from servers (**Green IT**) and machines to be **re-used** for heating the hospital rooms



Antibiotic resistance as a challenge to climate and environment

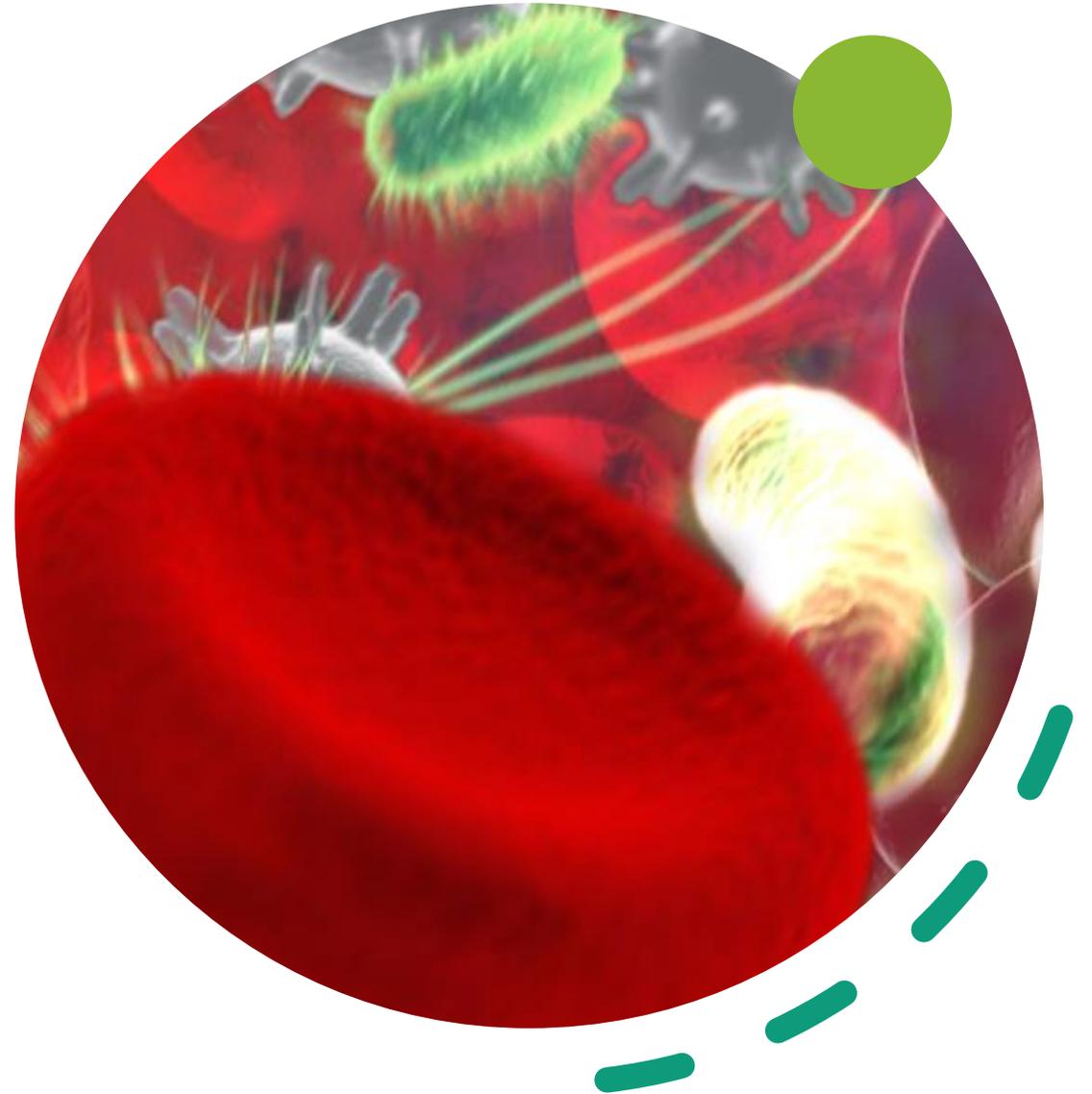
Patient with antibiotic resistance is using far more hospital resources like:

- Greater amount of **single use equipment** that needs to be later safely utilized
- **Increased energy usage**, e.g.: under pressure isolation rooms, UV lights and other disinfection methods
- **Prolonged hospital stay**
- Presents prolonged risk to other patients and staff



Antibiotics as a pollutant: What can we change.

- **Infection control teams** involved in patients care-regular involvement, reporting and control
- Reasonable **antibiotic stewardship**
- **Training** in infectious diseases



Overall conclusion

01

AUSTRIA IS
MOVING
FORWARD TO
MAKE
SIGNIFICANT
CHANGE

02

INNOVATIVE BEST
PRACTICES IN THE
HEALTH SYSTEM

03

GENERAL PLAN
FOR
SUSTAINABILITY
FOR THE WHOLE
COUNTRY

And motivated people
bring **HOPE** for the
future, connected in
Europe.



GRAZ
GERIATRISCHE
GESUNDHEITZENTREN

 **Vinzenz
Gruppe**

 **Wiener
Gesundheitsverbund**



**Steiermärkische
Krankenanstaltengesellschaft m.b.H.**

... A big Thank you.

And a huge thank you to our coordinators:

Ines Vukic

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Elisabeth Jirsa

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Roman Abou-Chabake

 **Bundesministerium
Soziales, Gesundheit, Pflege
und Konsumentenschutz**

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Own photographs from the programme

Photographs from the Microsoft PowerPoint Application

