



Environmental sustainability is one of many priority areas for the Republic of North Macedonia, as a part of the country's national agenda. R. North Macedonia embarked on mainstreaming the 2030 Agenda for Sustainable Development into its National Sustainable Development Plan in December 2015, with the aim of developing an SDG Plan 2016-2030, based on an assessment of needs and potential, as well as setting targets relevant to the national context. A total of 18 UN agencies will work together under the new United Nations Sustainable Development Cooperation Framework (SDCF) over the next five years to help the country achieve the Sustainable Development Goals: 17 interconnected and ambitious goals which address the major development challenges faced by people in North Macedonia and around the world. **The Sustainable Development Goals are a global call to action to end poverty, protect the earth's environment and climate, and ensure that people everywhere can enjoy peace and prosperity.**

### MAPPED PRIORITIES AT THE NATIONAL LEVEL:



### EXEMPLARY CASES OF SUSTAINABILITY IN DIFFERENT CENTRES IN N. MACEDONIA

#### Inhaled general anesthesia:

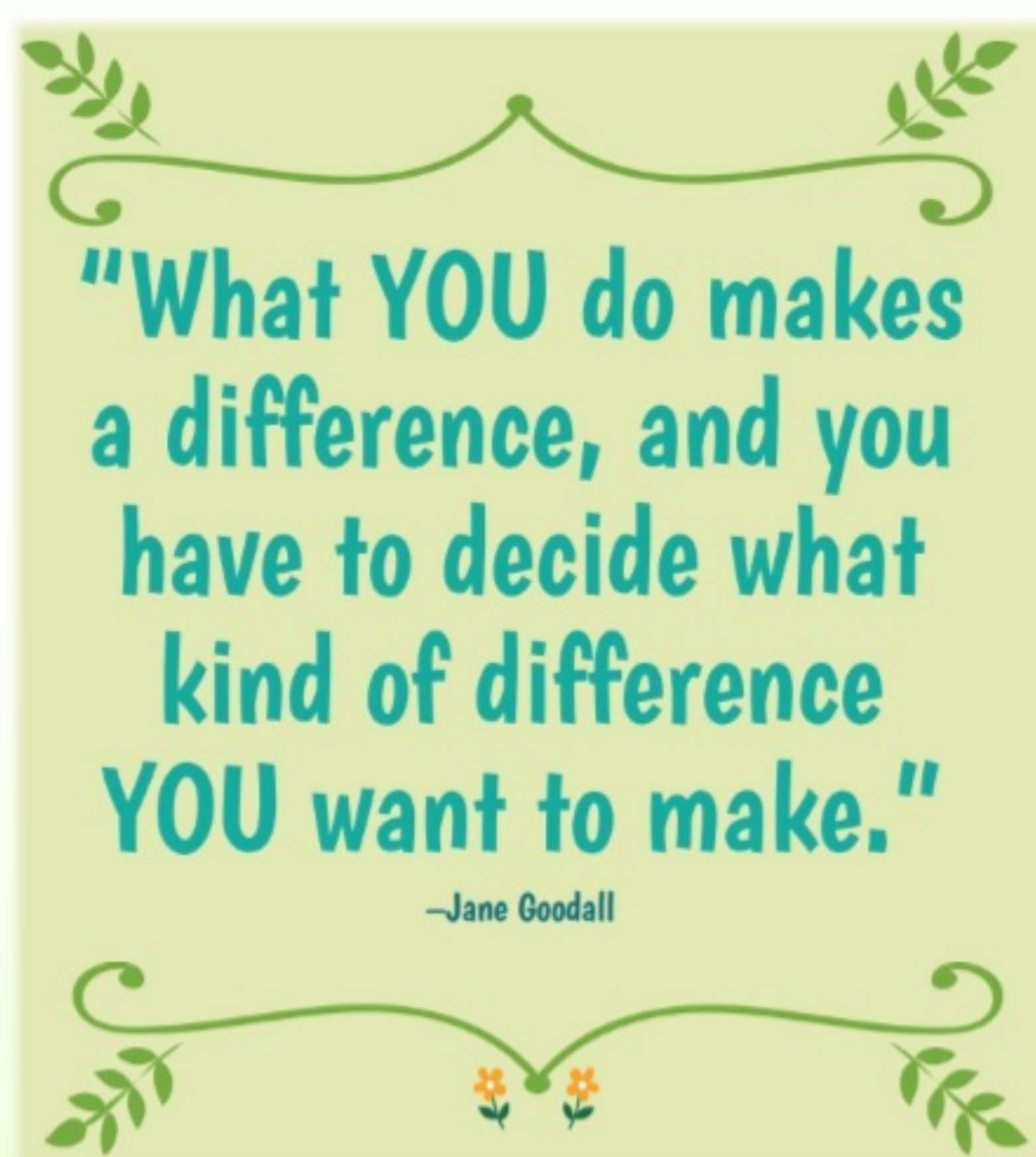
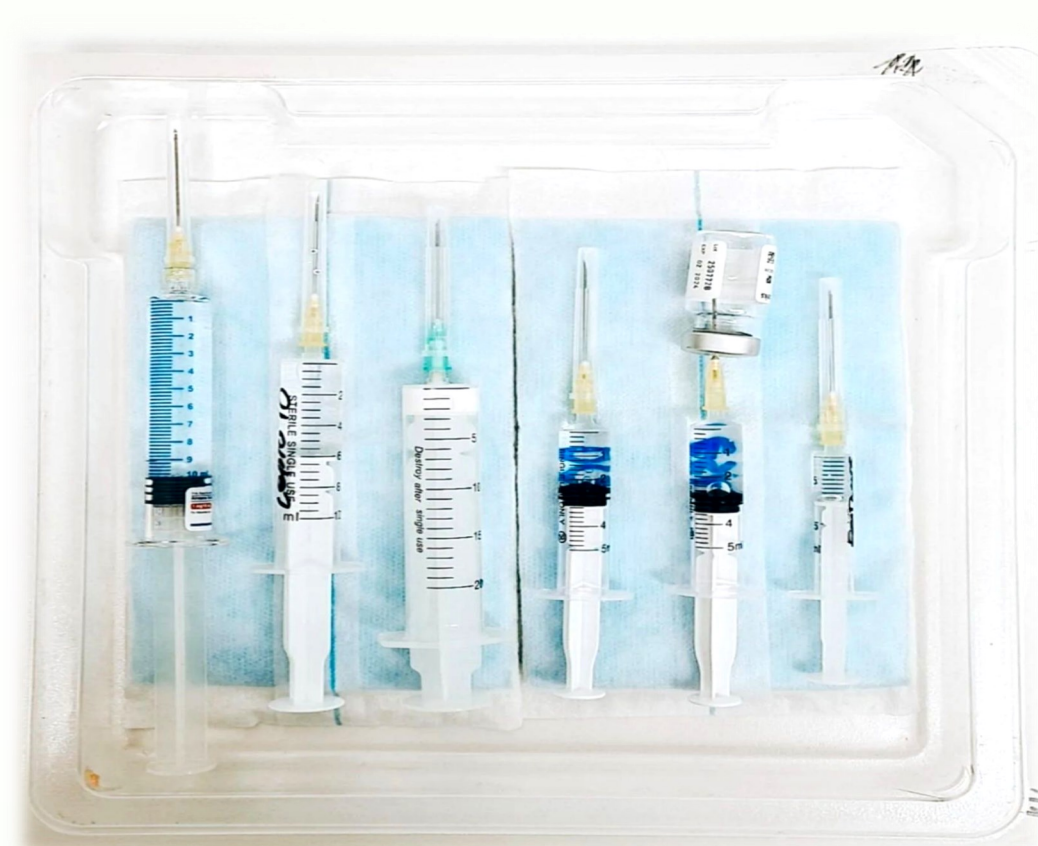
- Use of Sevoflurane.
- Limited use of Isoflurane and Desflurane.
- Seldom or Never N2O.

#### Regional techniques:

- Nerve blocks, epidural and spinal anesthesia.
- Intraoperative and postoperative use.
- Minimizing the use of other medications.

#### Intravenous general anesthesia:

- It is being used as the preferable option instead of inhaled general anesthesia.
- Lower carbon footprint than any inhalational equivalent.



## THE 6 R's

Anesthesia teams can contribute towards reducing the waste and carbon footprint we leave on our planet while still providing high-quality care.

**"WE DON'T NEED A FEW PEOPLE DOING "GREEN" PERFECTLY, WE NEED EVERYONE DOING THEIR PART, HOWEVER IMPERFECTLY."**

### RETHINK

- OR kit and drugs review
- Fluids management
- Reusable textiles and products
- Alternatives to SUD plastics

R

### REUSE

- Reusable textiles and products
- Reusable Disinfection and Rigid Sterilization containers
- Reusable sharp containers

R

### REPROCESS

- Single use medical devices

R

### REPURPOSE

- Third party medical supplies donations
- Local organizations
- Storing containers

R

### RECYCLE

- Quality material collection, recovery

R

### REFUSE

- Proper waste segregation
- Regulated medical waste, municipal solid waste, pharmaceutical waste

R

