



A quest for sustainability

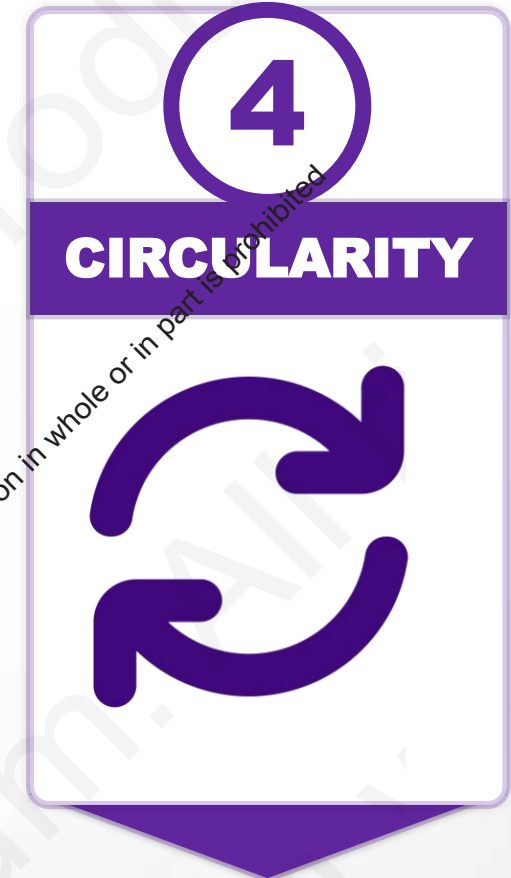
Goal: \geq 5% reduction of carbon-footprint of the surgical department in 2022

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4 Key Priorities



(members of the green teams: doctors, nurses, technicians, cleaners, engineers, others and even:....managers)

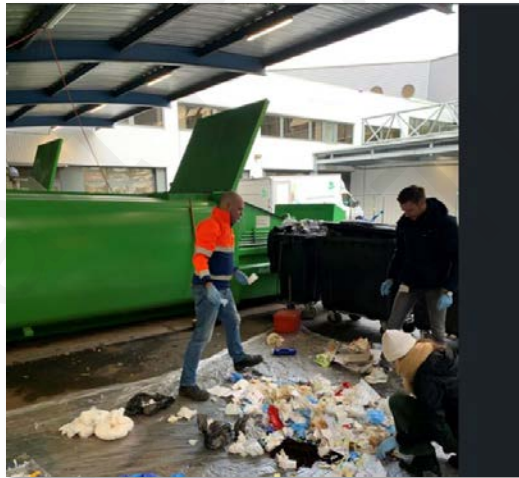
Energy

- Airconditioning OR's
- Smart LED-panels (Bluetooth)
- Skylights in recovery-room
- Measure energy-consumption (standby vs "off")



Waste: 2019 (pre-COVID) Figures

	Infectious waste (blue barrels)	Paper/ cardboard	Compostable waste	Plastics (estimated)	Other
Weight (tons)	99	93	300	200	260
Cost (€)	95.000	5.500	40.000	27.000	85.000



Disposable instruments

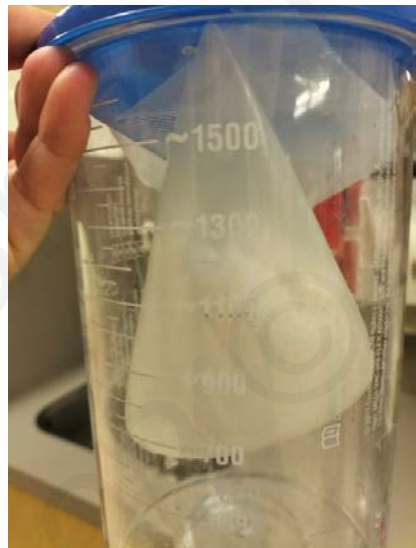
What's in these containers:

- Liquids
- Used disposables
- Needles
- Scalpel
- etc..



Medication

- Collecting of leftovers in canister with absorption granules > gel
- Investigating with neighbouring departments the possibility to work with the same medication-concentrations
- Collecting anaesthetic gases in carbon-filters?



Medication in drinking water

Filter all the hospital wastewater?

- 10% medication contaminants in Dutch drinking water prescribed
- 90% are from retail.

