# **TOWARDS SUSTAINABLE HEALTH: A GREEN PATIENT JOURNEY**

The Dutch COVRehab Case

Harry van Goor, Professor of Surgical Education, Radboud university medical centre Merlijn Smits, Design Researcher, Radboud university medical centre

### **Emissions current patient journey**

C02 emissions with the current patient journeys at the Radboud university medical centre.



87%

travels by car



68 min

Average travel time



(1)

67km

Average travel distance

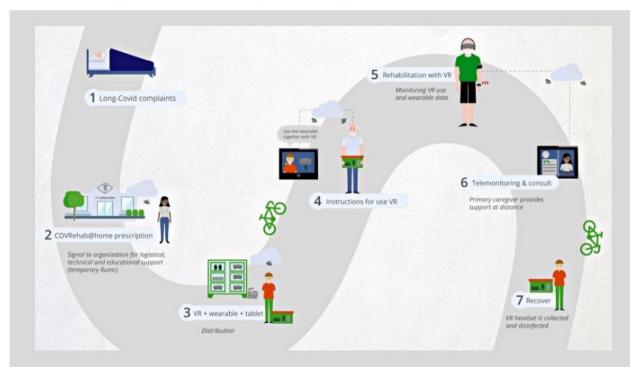


€23,-

Average travel expenses



# **Green Digital Patient Journey**





Combining virtual reality, wearable monitoring, a data driven **telehealth** platform and a 'green' service, support and medical device distribution organization.



## **CO2** emission reduction



### **Transportation**

Decrease hospital traffic



#### **Real estate**

Decrease building space



### **Efficiency**

Decrease labor effort



### **Technology**

Increase IT



From individual health to 'planetary' health, from health(care) outside homes to inside homes, and from discontinuous care to continuous health monitoring.









