

PROJECT START

€ + EIT Funding

Requirements definition with anesthesiologists.
Draft concept
Jul-Ago/2020

Development of first prototype
Sep-Oct/2020

Safety tests. Trials with mannekin
Nov-Dec/2020

Advanced prototype.
Clinical trials.
Certification
Jan-Oct/2021

Transfer and commercialization
Apr/2022

CHALLENGE



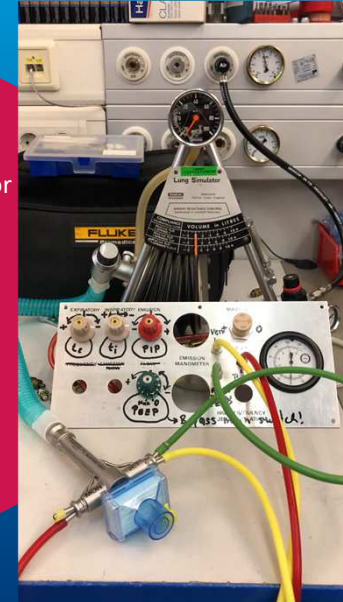
- Covid-19 pandemia
- shortage of ventilators in the 100.000s
- Current devices are expensive
- Many hospitals cannot afford



SOLUTION



- Pneumatic ventilator
- Battery for alarms (certification)
- Simple design
- Off-the-shelf commercial components
- Quick manufacture



BENEFITS



- For emergency situations / Isolated areas
- Pressure / volume / frequency controls
- Several modes for inspiration / expiration
- To be used by doctors, nurses, paramedics and patients

MAIN PROJECT RESULTS

Purely pneumatic

NO NEED OF POWER SUPPLY



Low cost



IN THE RANGE OF 2000 €

Easy & Quick

TO USE

TO MANUFACTURE



“ thanks to EIT we will be able to design an innovative solution to fix the shortage of ventilators ”



DANIEL PRESSL

Business Developer at WILD Gruppe

MAIN PRODUCT

Low -cost Pneumatic ventilator

AIM: Low-cost ventilator designed for a quick manufacturing