



**RESTART
EUROPE**
Together

#EURegionsWeek

18th EUROPEAN WEEK of REGIONS and CITIES

05>09 OCTOBER 2020

12>16 OCTOBER 2020

19>22 OCTOBER 2020



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European Committee
of the Regions





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MEDTECH TWENTE



East Netherlands Region:
Concepts for a healthy life





- Boost innovation & implementation by connecting stakeholders in & beyond the regional ecosystem
- Offer (access to) a wide diversity of services
- Offer access to facilities to test before invest
- Support Technology & Knowledge Transfer
- Stimulate new innovations with funds & voucher programs

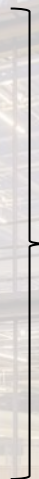


Urgent challenge: COVID-19



Identified area's of relevance:

- Ventilator shortage
- Prevention & disinfection
- Training of medical professionals
- Testing & contact tracing
- Big Data & Data science



Quick reaction
Task Forces



Splitting the ventilator in emergency situations:
if yes, then how - safely?



- Bringing together experts in ventilation
- Use of lab & test facilities
- Connecting companies for delivery of (large scale) products/parts,
- Connecting company for regulatory preparations (risk analysis, documentation)
- Process management, online collaborations, promotion of activities



Feasible & safe solutions for shortage of ventilators

- Bringing together companies with technical & clinical experts in field of ventilation
- Access to labs & test facilities (simulated IC with test-lung, 3D print facilities, etc. etc.)





Designing & validating safe alternatives:



- Supporting new production line of masks in region
- Verification turbulent breathing patterns and aerosols behaviour
- Design & validation of ventilation alternatives
- Supporting entrepreneurial researchers with a fast track to market



Emergency call to support SMEs in fast-tracking
their robotic innovation fighting COVID to market



- Coordinating new call with EC in 3 weeks
- Fast-track DIH-HERO portal for call management & financial processing
- 100k per project for SMEs
- 1 week application time → 160+ applications
- 10 awarded projects
- Innovation coaches per project
- Connecting to clinical end-users, technical support & test facilities
- Continue progress with follow-up calls
 - Technology Demonstrator & Technology Transfer Experiment



Quick scaling of intensive care personnel scenario training courses



- Joint development of online & on site training courses for care professionals
- Connecting regional hospitals
- Quick scaling of education resources
- Providing staff, facilities and training materials



Lab on a chip & advanced sensing solutions

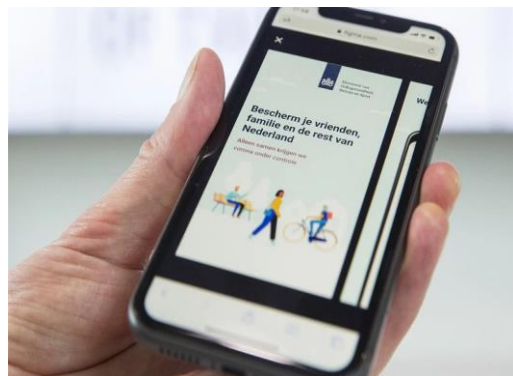


- Supporting regional initiatives of 19! Companies
- Technology transfer to spin-offs & existing companies
- Matching with clinical experts
- Securing funding



Digital Contact Tracing apps

- National Corona app implementation
- Testing & evaluation in real practice in Twente region
- Focus on Ethics, user friendliness, safety
- Citizen Science Approach





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THE 2020
TECHMED
EVENT

www.TechMedEvent.com
28th & 29th October

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