

# The Hotspot for **Medical Technology**, 10 Reasons why



The Dutch medical technology sector develops, produces and integrates high quality end products for customers and patients all over the world, and is known for its innovative and intelligent design. With two academic medical centres and three renowned universities acting as testing grounds for global challenges, Rotterdam-Delft-Leiden (Medical Delta) area is the ultimate starting point for (clinical trial) collaboration. We present you the top 10 reasons to invest and innovate in this region.

## INNOVATION



### 1 NUMBER ONE HEALTHCARE SYSTEM

The Dutch Healthcare System has consistently ranked #1 in the Euro Health Consumer Index for five consecutive years (2012-2017)



### 2 ACCESS TO INNOVATIVE R&D IN 8 KEY AREAS

- |             |                              |                         |
|-------------|------------------------------|-------------------------|
| Diagnostics | Self-management & Monitoring | 3D-printing             |
| Robotics    | Minimally Invasive Devices   | Artificial Intelligence |
| eHealth     | Imaging                      |                         |

### 3 ACCESS TO R&D

Excellent test facilities & possibilities for co-operation

- Living Labs, real-life testing grounds in the field of: clinical technology, rehabilitation, independent living, and healthy lifestyle & prevention
- Technology Transfer Offices
- Population Studies: Rotterdam Elderly Study, GenerationR and Leiden Longevity Study
- Big Data Innovation Hub
- Medical Delta Imaging Institute

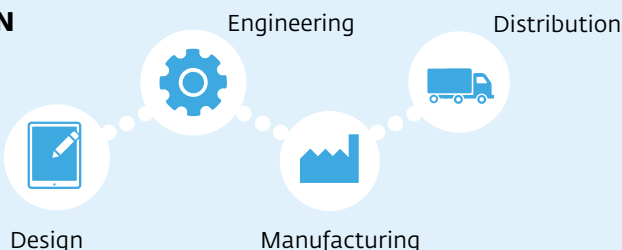


## BUSINESS OPPORTUNITIES



### 4 STRONG MEDTECH OEM SUPPLY CHAIN

Largest concentration of high tech companies in the Netherlands, such as: Hittech, Demcon, FMI, I-Optics Medical Solutions



### 5 ACCESS TO MARKET

- 300 million consumers within 600 miles
- Located on mainland Europe, member of the European Union and Eurozone
- World class logistics, both physical and IT infrastructure
- The Dutch are very internet savvy (93% daily use)



Internet Exchange AMS-IX (Akamai, 2016)



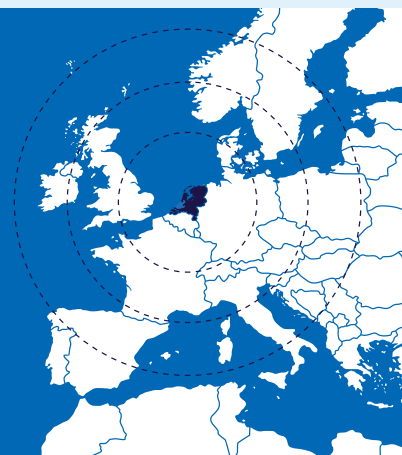
Country in Europe for logistics (2016)



European country for medtech logistics (HIDC, 2017)



DHL Connectedness Index (2016)



## 6 LEADING COMPANIES



## 7 FIRST CLASS BUSINESS FACILITIES

1. Leiden Bio Science Park (Leiden)
2. The Hague Tech (The Hague)
3. YES!Delft (Delft)
4. Erasmus Centre for Entrepreneurship (Rotterdam)
5. Rotterdam Science Tower / LabHotel (Rotterdam)
6. Cambridge Innovation Center (Rotterdam)



## KNOWLEDGE & TALENT



## 8 UNIVERSITIES & MEDICAL CENTERS AMONG THE BEST IN EUROPE



### Delft University of Technology

- 1** #1 Dutch University in the field of Engineering

### Erasmus University

- 1** #1 Business University in the Netherlands
- 1** #1 European University in Medical Science

### Leiden University Medical Center

- 1** Located in the largest Dutch life sciences ecosystem and hotspot for Public Private Partnerships

### Erasmus MC

- 1** Largest hospital in the Netherlands

## 9 INTERNATIONAL TALENT

Total number of students in the region

|                                |        |
|--------------------------------|--------|
| Applied Sciences               | 88,000 |
| Research Universities          | 65,000 |
| PhD's                          | 3,000  |
| Medical Technology disciplines | 24,000 |



## SUCCESS STORIES



## 10 HOME-GROWN INNOVATIONS

- MIMETAS (Organ-on-a-Chip)
- Robot Care Systems (LEA / Lean Elderly System)
- NightBalance (Sleep Position Trainer)
- Quantib (Medical Image Quantification)
- LeQuest (online training for care-takers for the use of medical technology)
- Dutch Domotics (applied sensor technology for nursing homes)



**CENTURIES OF EXPERIENCE.  
AS A REAL-LIFE TESTING GROUND.**

