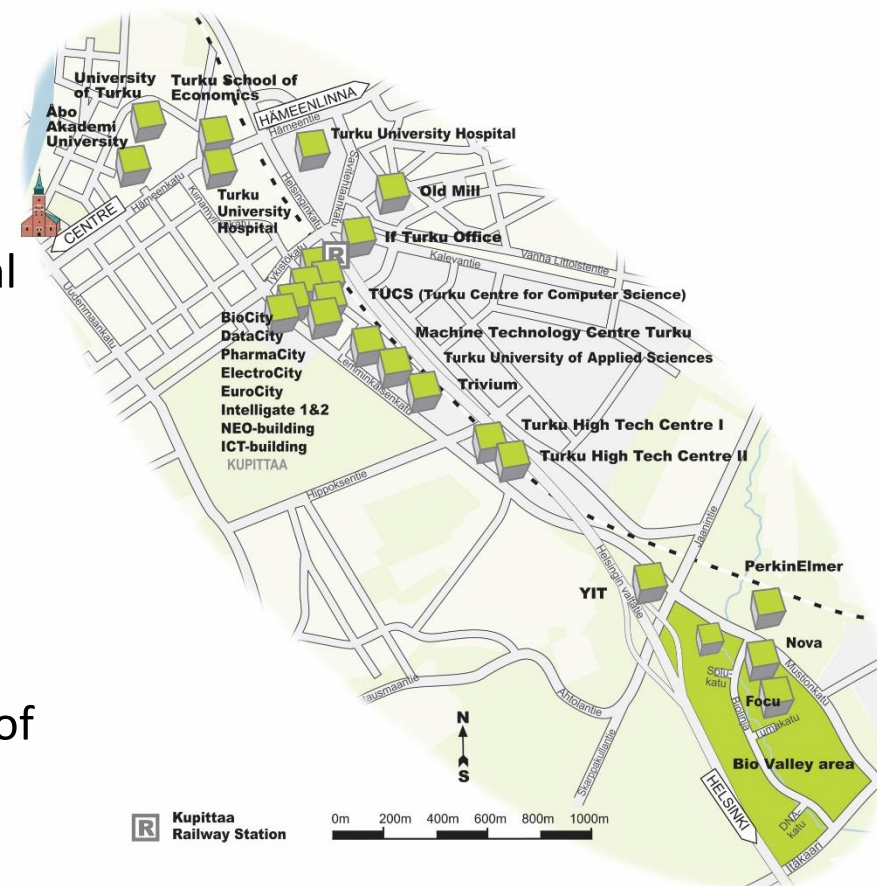




Innovate
to accelerate

Turku Science Park - focused business development and a campus area

- ✓ Two universities: University of Turku and Åbo Akademi University
- ✓ Turku University of Applied Sciences, Diaconia University of Applied Sciences, Novia University of Applied Sciences
- ✓ Turku University Hospital Tyks (+Hospital District of Southwest Finland)
- ✓ 17,500 employees
- ✓ 30,500 students
- ✓ 400 professors
- ✓ over 300 companies and organisations
- ✓ over 250,000 m² of premises in an area of 5 square kilometres



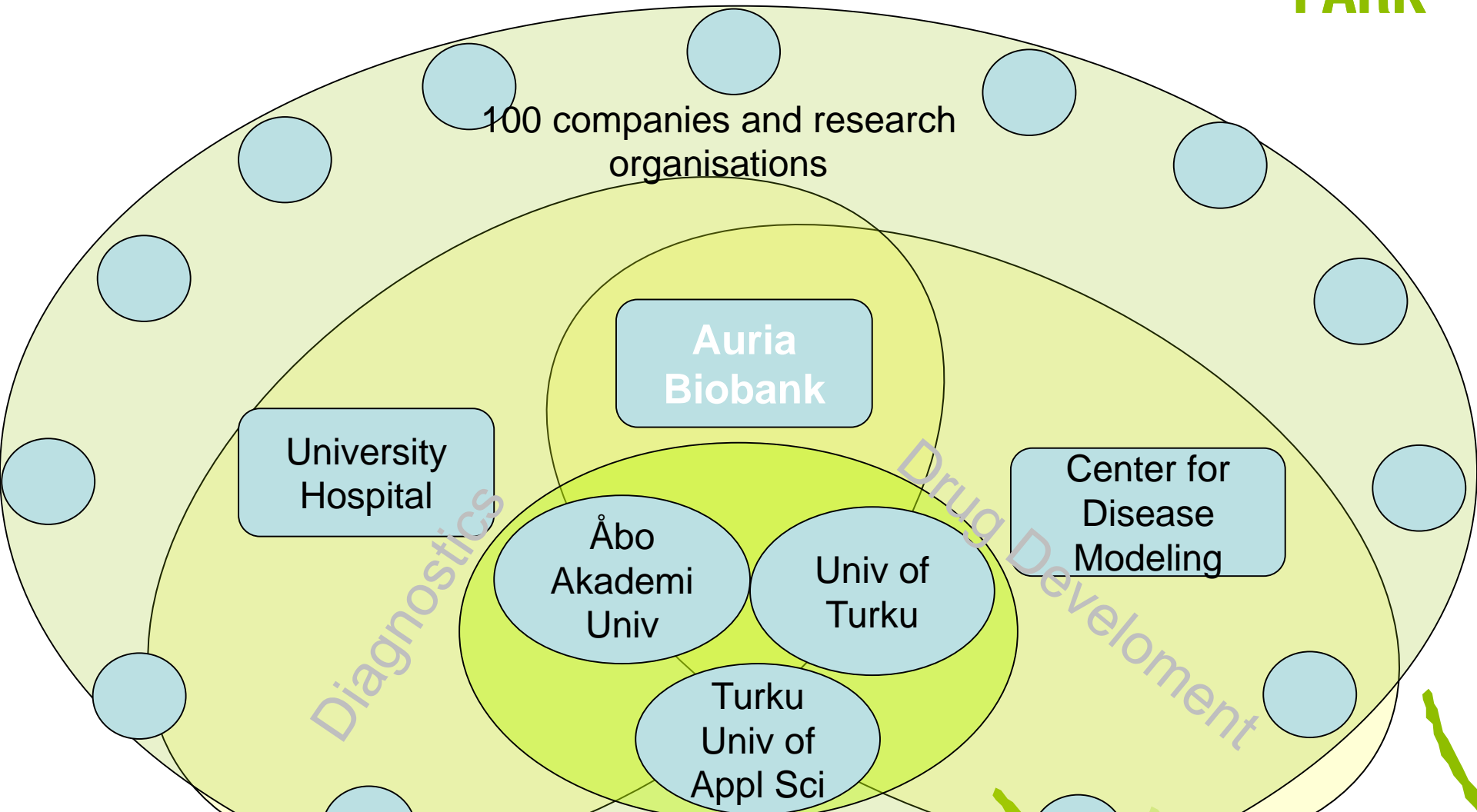
Excellent logistical location

- ✓ Next to Kupittaa railway station and Helsinki motorway. Less than half an hour to the airport, within walking distance from the city-centre.



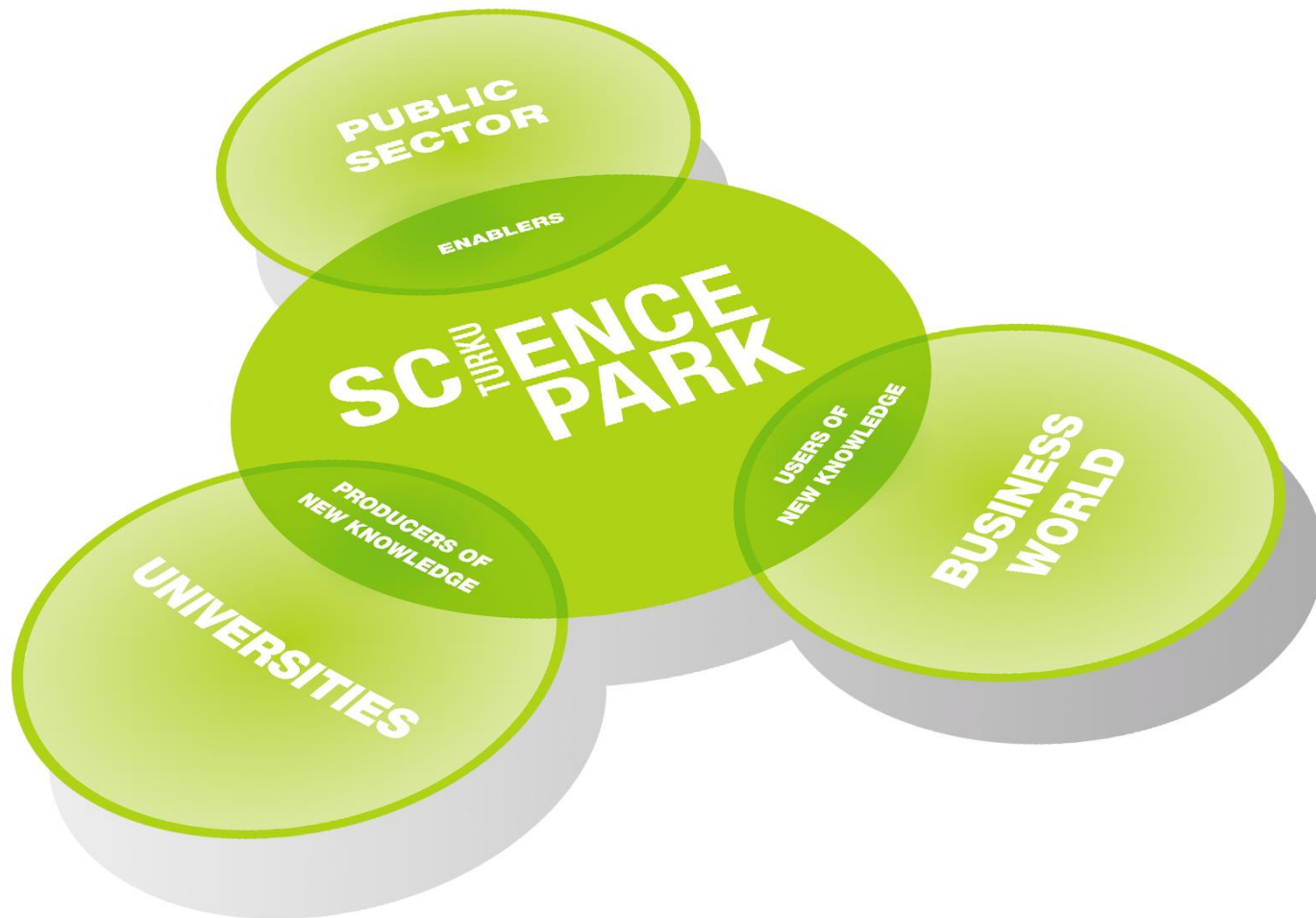
Life Sciences ecosystem in BioTurku

SCIENCE
TURKU
PARK



About 20% of industrial turnover and workplaces in Turku come from Life Sciences

Triple helix



BioTurku® Activities in Turku Science Park

- ✓ Coordinates regional as well as national development programmes between companies and research units
- ✓ Promotes the BioTurku concept and companies globally
- ✓ International invest in - coordination
- ✓ Partner in national HealthBIO-cluster
- ✓ Finnish contact point for the ScanBalt network and branch office of the European Federation of Biotechnology (EFB)
- ✓ Member of EDCA (European diagnostic clusters alliance)

The overall responsibility for developing the biocluster (*BioTurku®*) in the Turku region

 ***with the goal to increase biobusiness in BioTurku®***

Tailored health and well-being

- ✓ Biotechnology was included in Turku City's and universities policy already at the beginning of the 2000s.
- ✓ The strategy and development combines education, top research, preclinical and clinical expertise, health care, and business. The infrastructure covers the whole chain.
- ✓ The more than 100 enterprises in BioTurku® offer a total of nearly 3,000 jobs.
- ✓ 40% of the Academy of Finland's Centres of Excellence in biotechnology are located in Turku.

What Turku can offer

- ✓ Research and service infrastructure for product development
 - A continuous development platform from discovery phases to preclinical services and manufacturing
 - ✓ Soft landing zone for EU inner market
 - Marketability evaluation
 - Innovation and business development services
 - Professional, well-educated labor force
 - ✓ EU regulatory know-how
 - Education & training
- 

Services by Turku Science Park

- ✓ **CONSULTING:** Free of charge and in full confidentiality, we offer direct assistance to individuals, corporations and other organizations interested in access the business markets
- ✓ **NETWORKING:** Getting you in contact with business partners, skilled workforce, grants and regional funding, different business service providers and local authorities, as well operating facility providers
- ✓ **STARTING COMPANY:** We provide advice and consultancy on establishing a company, assistance in analyzing business ideas and concepts, and training in starting and managing a business. In addition, we can advise you regarding financing and handle all your company registration issues
- ✓ **IDENTIFICATION OF R&D AND INNOVATION RESOURCES:** We will get you in contact with the most appropriate leading R&D organizations in the region.

Diagnostics market trends and forecasts

Global IVD markets - 2020

- expected to reach \$75,00 billion from \$53,3 billion in 2013
- CAGR 5,3 %
- largest market share of \$30,1 billion in North-America by 2020
- Strongest growth in Asia-Pacific by CAGR of 7,5%

Global Point of Care markets – 2020

- expected to reach \$30,0 billion
- CAGR 9,3%
- In Asia-Pacific area expected to reach \$5,4 billion

STRONG GROWTH IN TESTS RELATED TO

- Infectious Diseases, Diabetes, Cardiac Diseases, Cancer

Diagnostics in Turku

Perkin Elmer Wallac Oy

Spin offs from Perkin Elmer Wallac Oy and from Universities with different:

- **application areas**
- **technologies**
- **tests**

Abacus Oy

ArcDia Oy

DHR Innotrac Oy

Labmaster Oy

Etc.

Diagnostics in Turku

HyTest Oy

- mabs, antigens, reagents

Hidex Oy

- high quality readers for LS research, radiation and nuclear medicine

Kaivogen Oy

- Plates
- labels

Labrox Oy

- new innovation in Instruments
- new innovation in labels, Upcon™

Modern Diagnostics Oy

- LifeGuard® Gene Panel
- PCR for severe genetic diseases

Misvik Biology Oy

- multiparameter technologies for high-throughput screening

Examples of Our Innovations

MIRENA®



Long-acting intrauterine
contraceptive system
Sales €800 M in 2014

Abacus GenomEra®



Rapid DNA diagnostics for
MRSA,

ArcDia mariPOC®



Multianalyte point-of-care
test for respiratory
infections

Hidex Triathler®



Single-sample counter
for food safety and life
science research

Benecol®



Cholesterol lowering
foods and drinks

Xylitol



Utilization of Xylitol e.g.
in chewing gums and pastilles
to prevent tooth caries



Thank you !