- Hub of northern Finland and the gateway to the Arctic areas
- Capital of Northern Scandinavia
- Located Midway between Asia and North America
- Excellent Global and Local Connections
- The leading Innovation Center (e.g. Wireless technology, ICT and Health technology)
BusinessOulu in brief

- Responsible for the City’s business policy implementation and development services for the whole business community (ca. 9000 companies) within Oulu area

- Focus on enhancing the volume of national and international investment

- Support on innovative entrepreneurship and coordination of the network of companies and business development service providers

- Close cooperation with local, national and international partners

- Multidisciplinary focus: ICT, Life Science, Cleantech, Industry, Trade & Services, Travel & Logistics, Creative Industries

- BusinessOulu staff consists of 75 professionals
BusinessOulu’s basic task

- We create a competitive business environment for businesses operating in or relocating to Oulu that have the desire and potential for growth, aiming for a significant increase in overall investments.

- To help our customers succeed, we offer cutting-edge business development services based on customer analysis together with our local, national and international partners.

- We promote job creation by encouraging enterprises to grow and think internationally.
FULL OF TALENT

University of Oulu
University of Oulu

- Exceptionally wide scientific base
- Internationally networked scientific university with six faculties
  - Collaboration agreements with 60 foreign universities
  - Erasmus Network: ca. 520 contracts and ca. 350 partner universities
- Results through multidisciplinary research in 70 fields of science
Oulu University of applied sciences

- More than 30 study programmes
- Theory and practice in balance
- Active research both internationally and regionally
- Tight cooperation with regional business life
Oulu vocational college OSAO

- One of the biggest vocational schools in Finland
- 11 units, seven industries
- Basic education for future experts and professionals
Oulu Innovation alliance (OIA)

- Strategic alliance between the City of Oulu, University of Oulu, Oulu University of Applied Sciences, VTT Technical Research Centre of Finland and Technopolis
- Unique cooperation structure in the world
- Partners committed to focusing on innovation areas, investing in infrastructures and developing mechanisms for joint use
Openness creates value! Even if it disrupts traditional methods the benefits are bigger than doubts. Future is Open!
OUlu Innovation Alliance

Board

Working Group

City of Oulu
Oulu Polytechnic
Univ. of Oulu
VTT
Technopolis

Innovation Centers

Centre for Environment and Energy CEE
Centre of Excellence in Health and Technology CHT
Center of Internet Excellence CIE
Martti Ahtisaari Institute MAI
Center of Printed Intelligence PrintoCent
R&D towards demos and products

- R2R printed Aluminium ink
- R2R processed OPV foil
- Hot embossed microfluidistics
- Printed passive components
- Opto-fluidic sensor with light source
- OLED element
- 7-segment OLED display
- Wise area sensor matrix
- Biobattery
- Solar energy module
- Printed low-cost indicators
- Active paper
- Printed memory (WORM)
- In-mould OLED element
PrintoCent Pilot Factory

Laboratory infrastructure
- Table-top printers
- Research and development
- Proof of concept demonstrators

R2R up-scaling
- Room-sized R2R lines
- Transfer from lab to R2R
- Process development

R2R pilot manufacturing
- Hall-sized R2R pilot lines
- Towards pilot manufacturing
- Towards market trials
Martti Ahtisaari Institute

- 3 strategic research programmes addressing the challenges of international growth, corporate governance and evolving energy markets
- 3 international MSc programmes, MBA ja eMBA, international PhD programme
- Seminars and top forums bringing together decision makers, authorities, business people and research experts
Center for Internet Excellence
Focuses on User Experience in Future (3D) Internet

  - combines leading-edge Internet research, innovation processes and new infrastructures, with special focus on emerging 3D technologies.
  - provides unique environment to combine research and network partners from different fields in a practical setup
  - Established 2009, staff 25, annual budget ~ 2,5 Meur

- Research: 7-10 projects, such as
  - Chiru: 3D User Experience for Mobile Virtual Environments / 4M (Nokia, Intel, TEKES), 2010-2012
  - Coordination of research and innovation projects, such as EU FP7 and ESR projects
Centre for Health & Technology

Focus Areas
- Wireless health monitoring
- Genes and lifestyle
- Individualized healthcare

Needs & Specifications
- Local, national and international companies
- Public and private healthcare

Highest level multidisciplinary research and technology platforms

Biotechnology
- Molecular medicine
- Clinical medicine

Medical engineering
- Information systems & software
- Wireless Communication
- Digital signal processing

Evidence-based and commercialized results and platform solutions for
- companies
- individuals
- homes
- hospitals
- municipals
- etc.
CEE, Center for Environment and Energy

- Cutting-edge research and experts
- New Oulu brand regarding Eco-innovations and Green Economy
- New co-operations, business and the conditions of growth
- Material and energy efficiency
- Measurement technology
- Innovation alliance
- Water
- Air
- Energy
Demand side activities

Entrepreneur Orientation

Idea to business

Technology transfer

Platform into entrepreneurship (Yritystakomo / Protomo)

Uni resources to companies (Business Kitchen)

R&D environment

Enterprise Agency (Uusyrityskeskus)

Startup

Accelerator

InnovationMill

Starttaamo

BO Growth and Internationalization

BO Growth and Internationalization services

Universities

SCALABILITY
Oulu has excellent visibility in international media

- CNBC Tech Edge, October 10, 2012 -

- Fortune, September 19, 2012 -
Thank you and welcome