



New Central Hospital Hospital NOVA of Central Finland and some related other health & wellbeing projects in Central Finland

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Central Finland Health Care District

- **The 5th largest health care district in Finland**, the largest non-university hospital district
 - Population around 270 000
 - Around 3 600 employees
 - 469 doctors
 - 2 156 nursing staff members
 - 1 018 other staff members
- A public utility owned by the District, Regional Health Care Centre, provides 8 municipalities with primary health care services as well



National park, South-Konnevesi



Central Health Care District Strategy 2015–2020

MISSION

We provide patients with trustworthy, safe and effective health care, rehabilitation and examinations – all based on both national and international practice guidelines, for the benefit of our patients.



New hospital
2020

STRATEGY

We develop even more efficient operating models for effective and safe health care and rehabilitation for our patients.



1. Patient
2. Staff
3. Operating model
4. Cost-efficiency
5. Collaboration
6. Communications

VISION

Our starting point is a hospital where we can provide our patients with the comprehensive and effective health care, rehabilitation and examinations they need.

Patient first

We believe the patients' needs should form the basis for examinations, treatment and rehabilitation. We encourage patients to take an active role in their treatment.



PERFORMANCE INDICATORS

1. Indicators for the health care district
2. Indicators for the fields of operations and responsibilities

VALUES



Happy patients



Responsibility over patients and working environment

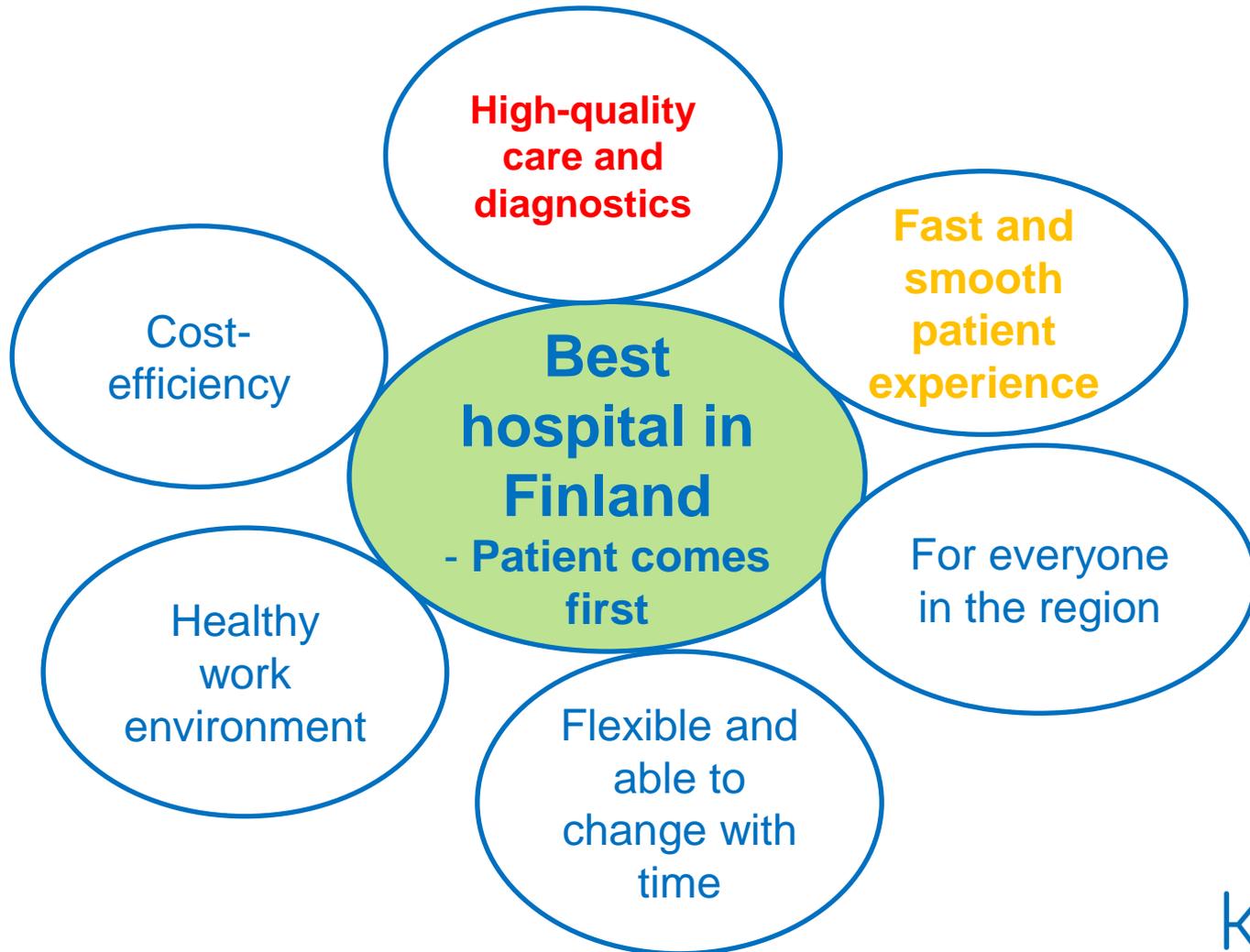


Constant development



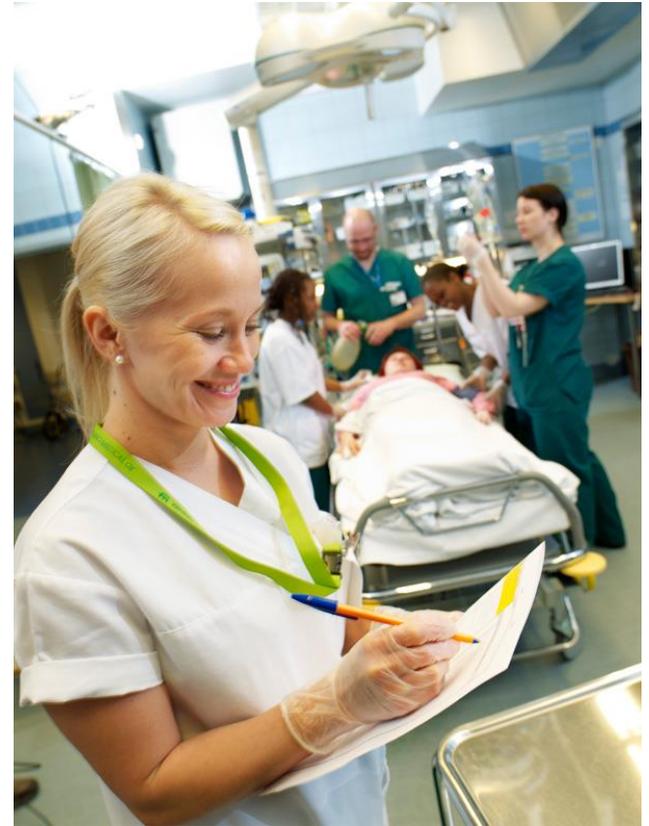
Respect for collaboration

Vision for Hospital Nova



Goals for Hospital Nova

- Strong and seamless **co-operation with primary health care and social services**
- New patient processes, functional logistics, and **patient-oriented ICT solutions** enable medical professionals to spend more time on patient care
- **10 % annual cost savings from more efficient processes and smaller facilities**



All patient facilities will be located in one building

NOVA



**Old Central Hospital
and "Kukkula region"**

Inspiration from Central Finland National Parks

- **Nature** has been proved to have a positive impact on health and well-being
- We aim to bring Central Finland national parks closer to our visitors and staff
- **Theme will be visible in nature-related art, pictures, soundscapes, lighting and videos**



Facts:NOVA

- **Total investment of c. 480 M€**
- **Location**
 - Kukkumäki in Jyväskylä
- **Floor area**
 - 108 500 m²
- **New hospital is equipped with**
 - 360 examination and consulting rooms
 - 368 beds
 - 24 operation rooms
 - 10 delivery rooms



Floor plan of the new hospital

Acute operations

- On-call services and medical imaging (floor 1)
- Intensive care and monitoring (floor 2)
- Operation and delivery rooms (floor 3)

Planned examinations and treatment (floors 1-3)

- Centers of expertise are grouped with cooperation and consulting in mind
- Consulting rooms meant only for face-to-face patient care

Wards (floors 5-7)

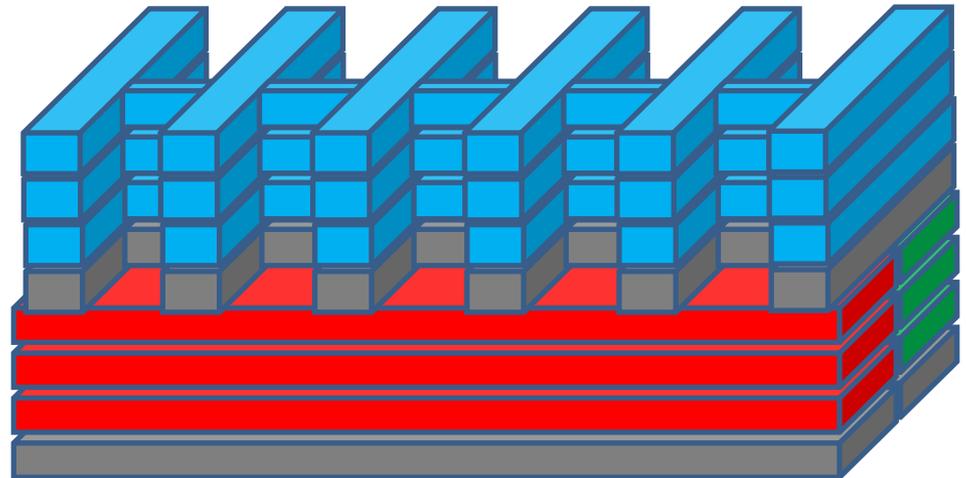
- Personal single-bed patient rooms
- Nurses stations in the center corridor
- Support services gathered in the connective corridor

Support services (floor -1)

- Logistics
- Pharmacy, Equipment maintenance, Laboratory
- Staff dressing rooms
- Optimized connections to upstairs units

Technical floor (floor 4)

- Separate floor away from the patient and staff areas
- Flows of material, patients and staff are separated



Personal single-bed patient rooms

- **Ensure privacy**
- Reduce the risk of infections
- **Promote patients' activity**
- **Enable overnight visitors**
- Most nursing-related activities are carried out in personal patient rooms (treatment, documentation etc.)
- **Layout promotes rehabilitation**
- Each patient room is equipped with a private washroom



Most patient rooms are 18 m²,
washrooms 6 m²

Shared consulting rooms

- **Hospital Nova has more than 360 consulting and treatment rooms for face-to-face work with patients**
- **Everything else takes place either in the so-called back office of a consulting room or in the specialist zone**



Most consulting rooms are 18 or 12 m²

New client and patient information system

- **Health Care District acquires a new client and patient information system for social and health care services in Hospital Nova and around the district**
- **New system will improve our digital services and open up new possibilities for self-care and health management at home**
- **We aim for real-time information flow between all professionals attending to a patient or client**
- **The estimated cost of the system is 90 M€ (over a 10-year contract period)**





... and what else is going on ?

Central Finland's

- Centre of Excellence on Wellbeing
- **KeHO (from 2017 ->)**
(Keski-Suomen Hyvinnin Osaamiskeskittymä)

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- www.kehofinland.fi
- [@KeHOFinland](https://twitter.com/KeHOFinland)



What KeHO is?

- KeHO is **a network** that brings together operators and experts on social welfare, healthcare, sports and physical activity.
- We have created **a platform for co-operation**, sharing information and strengthening the bond between different operators.
- We aim to **improve and promote** health and wellbeing locally, nationally and internationally.



- **Our goal**
• is to make Central Finland an internationally competitive centre of wellbeing, health promotion, social welfare, sports, physical activity, rehabilitation, health-related business and research.
Together.

Why Central Finland?

- **New Hospital Nova, Kukkula area** and **Hippos2020** are being built in Jyväskylä
- **Central Finland has an internationally acknowledged and unique expertise in sports and physical activity**
 - Faculty of Sport and Health Sciences (University of Jyväskylä)
 - The LIKES Research Centre for Physical Activity and Health
 - KIHU Research Institute for Olympic Sports
 - Sport and Exercise Medicine (Central Finland Health Care District)
- **We have a large variety of NGOs in the field of wellbeing and health promotion**
 - KYT, wellbeing of people, co-operation of organizations, and social impact
 - KesLi, Central Finland Sport Federation is non-political sports federation
 - Koske, the Centre of Excellence on Social Welfare in Central Finland
 - GeroCenter, Gerontology Research Center for Aging Research & Development
- **EduFutura Jyväskylä is an expertise center creating educational excellence, research and development**
 - Turnover of the institutions 400 MEUR, personnel 4.200, nearly 47.000 students



Strong expertise & ability to execute ^{2/2}

76 specialist

5 joint projects (H2/2017)

2 theses

6 groups:

**Research
Education
Innovation
Projects**

&

**Communication
Steering Group**

33 student innovations

4

**Wellbeing seminars for
researchers (v. 2017)**

**Wellbeing Economy is our
rising star in Central
Finland's regional
development programme
(2018-2021)**



**16+2
organisations**

ksshp

Keski-Suomen

Sairaala Nova

<http://www.meijanpolku.fi>

Parts of KeHO



Key actors in fields of social, health, sports and business in the same network

- Central Finland Chamber of Commerce
- **Central Finland Health Care District**
- Central Finland Sport Federation
- City of Jyväskylä
- JAMK Univ. Applied Sciences
- Jyväskylä Educational Consortium (Gradia)
- Jyväskylän Hippoksen kehitys Oy
- Jyväskylä Sport Academy
- Keski-Suomen Yhteisöjen Tuki ry
- KIHU Research Institute for Olympic Sports
- Metsähallitus
- Regional Council of Central Finland
- The Centre of Excellence on Social Welfare in Central Finland
- The Federation of Finnish Enterprises in Central Finland
- LIKES Research Centre for Physical Activity and Health
- University of Jyväskylä
 - + UEF, GeroCenter

16 major organizations in close co-operation !



HIPPOS2020 - Jyväskylä

A sports and wellbeing center of expertise

Contact: project manager kari.halinen@jkl.fi

<http://hippos2020.fi/fi/>



Vision

**The leading promoter of sports, exercise, wellbeing and health in the Nordic Countries,
and the environment for global success stories.**



Business areas in the Hippos2020 ecosystem

10

28.2.2018



Health care

Realising the competitive advantage of the Hippos2020-Kukkula-Nova combination + health clinics, rehabilitation service producers, etc.



Digital communication

Online and mobile services, software solutions, applications



Wellbeing

Occupational wellbeing, nutrition, lifestyle coaching



Event production

Event producers related to exercise, sports and entertainment



Research and education

Extensive cross-disciplinarity in addition to sport and health sciences



Sports economy and marketing

Sports marketing, sponsorship, management and agency operations, Veikkaus gambling games



Technology

Manufacturers of measurement, testing and imaging technology



Sports business & sports tourism

Athletes, exercisers, and customers in need of rehabilitation and health services

Hippos2020 will make Jyväskylä the leader in sports and wellbeing

27

28.2.2018

- A unique combination
- Central location
- Services cover the entire human lifespan
- A unique center of top-level expertise
- Research, education, training, coaching, multidisciplinary approach, product development, technology, services, digitality.

- A day-to-day activity venue for active people
- A center for events
- A housing area
- Wellbeing and health services
- Area's retail, restaurant and hotel services.
- City center's services within walking distance

Begun:

**Developing the old
hospital environment**

In association with

KEHO

Kukkula 2020–2030

Kukkula (The Hill) brings together healthcare professionals, researchers, and businesses | Will provide jobs for some 5000 people



**The new hospital NOVA is
a part of Kukkula !**

Help us develop the Kukkula area!

The **Kukkula area**, which is located near the university and the city centre, will be built around the new **Hospital Nova of Central Finland**. The building project will be completed in the 2020. Kukkula offers investors an opportunity to participate in developing a modern centre of excellence.

The area will bring together experts and services in the preventive healthcare, the international business and research community as well as the latest digital solutions. In addition, Kukkula will be an inspiring working environment, promoting health locally, nationally and internationally. Next to Kukkula is also located **Hippos** – one of the most diverse centres for sports and wellbeing in Scandinavia.

Under construction **Hospital Nova of Central Finland 110 000 m²**

Investment about 500 M€ | To be completed in 2020

Planned for Kukkula **Health Bazaar 50 000 m²***

Space for businesses, teaching, research, and development | Nova Academy Teaching Hospital

Living Space 60 000 m²*

A wide range of versatile accommodation solutions covering 60 000 m² | Area close to the city centre but surrounded by nature | Homes on the skyline of Jyväskylä

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* According to current planning permission

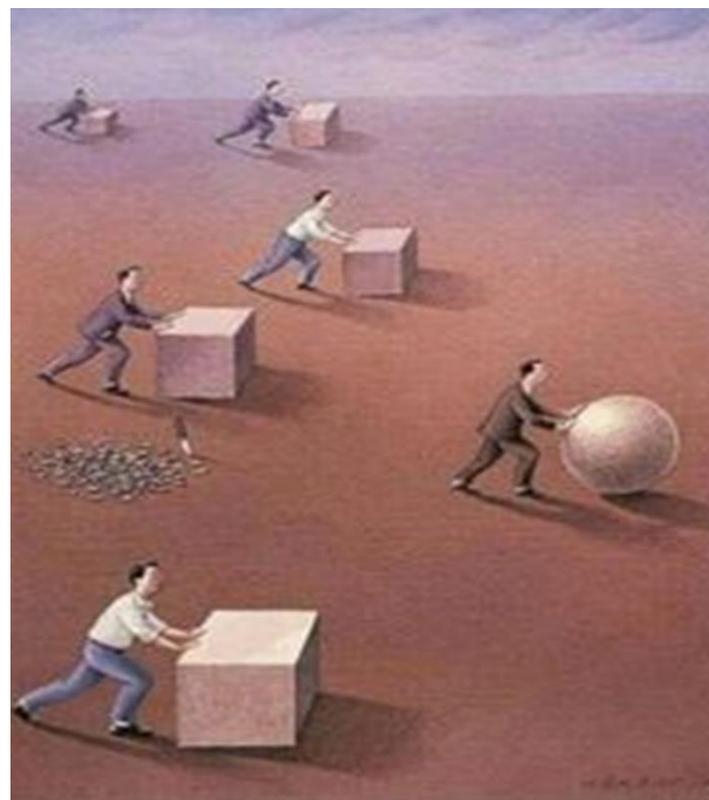


Kukkula
JYVÄSKYLÄ

Central Finland Health Care District: How we stand out !

- Preventive healthcare and enforcing the wellbeing of the population (★)
- Related technological (digital) solutions
- The new hospital NOVA (2020) as a corner stone and template for the newest (digital) technologies

**Most Finish Health Care Districts
concentrate on health/ repair
(medical topics)**



Timetable for all related projects



NOVA 2019 ICT investments 2020 opens doors



HIPPOS2020 2020-21 opens doors



Construction begins

KUKKULA/ Health Bazaar etc 2021 -22 opens doors



Planing & contracts

Central Finland Health and Wellbeing ecosystem up and running 2022 =>

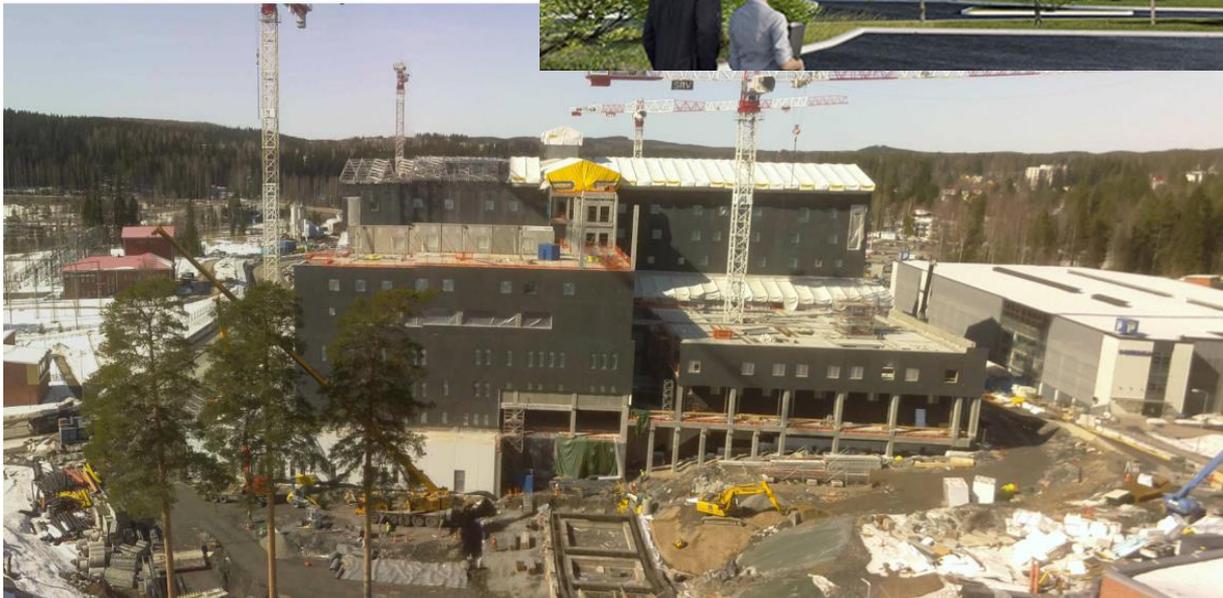


The new hospital NOVA will open for service 2020 !

Many commercial and other co-operational opportunities are open just now –and there are more to come !



10.4.2018



2020

