

Challenge And Opportunity

Gunnar Bovim CEO

Helse Midt-Norge RHF

Central Norway Regional Health Authority

Åbo Akademi 2011-06-18





Reforming The Norwegian Healthservices

2002:

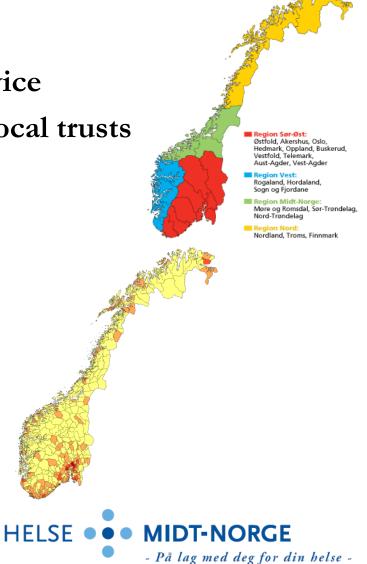
Reforming specialized health service

- regional health authorities and local trusts

2012:

The Coordination Reform

- focusing on interaction between primary health and specialized health service





2010:

Our ambulances drove 4.600.000 kilometers or

114 times round the earth

An Ordinary Workday: 4.000 patients

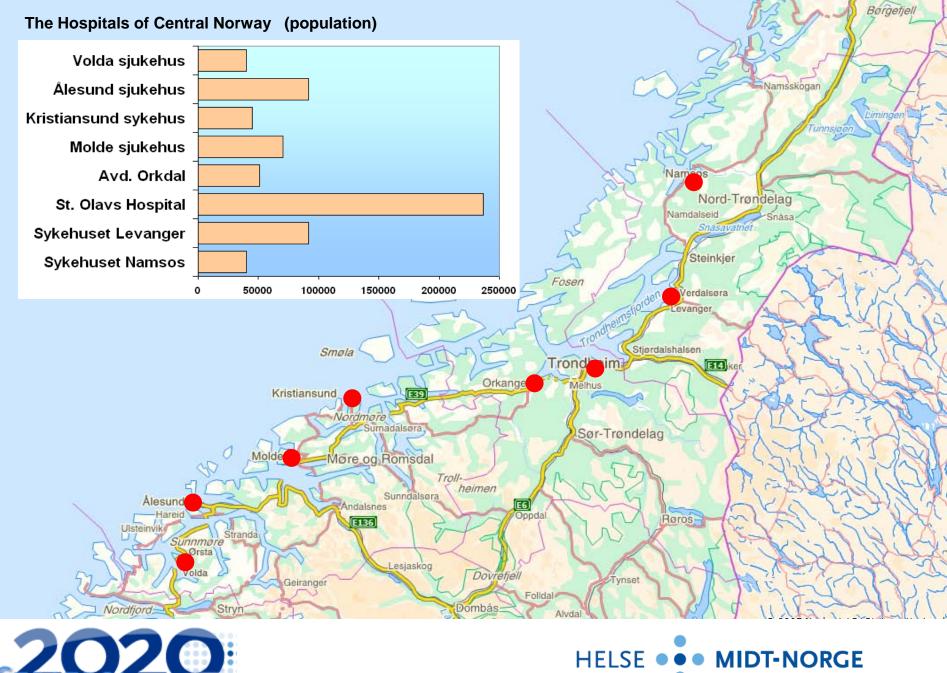
gets daytreatment or outpatient consultation

680.000 inhabitants depending on the hospital when life is at risk





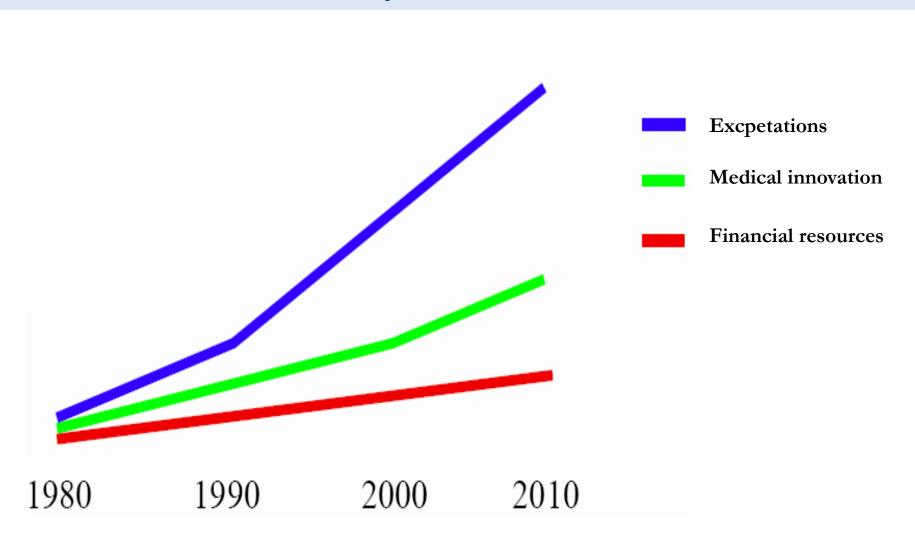








Ambitions And Reality







Four Major Challenges Towards 2020

 The population gets older and the need for healthcare will change

Stronger demand for documented quality

Fewer healthcare-employees per patient

Economic growth in hospitals will decrease





The Changing Need For Healthcare... due to lifestyle

Adult men (30-69 years)

prevalence obesity (BMI >30)

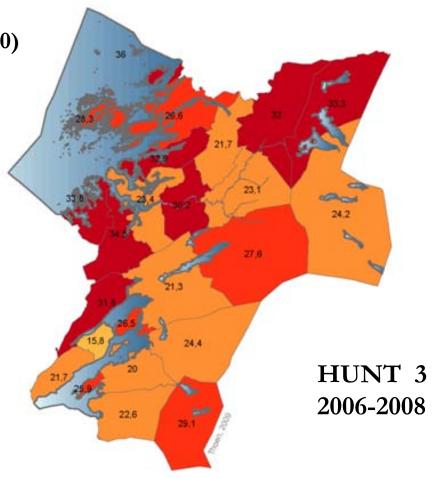
in county of

North-Trøndelag



Kristian Midthjell Jostein Holmen Steinar Krokstad 2010









A Globale Challenge



2010:

More than 220 million people worldwide have diabetes.

2005:

1.1 million people died from diabetes

80% of diabetes deaths occur in low- and middle-income countries.

Almost half of diabetes deaths occur in people under the age of 70 years; 55% of diabetes deaths are in women.

WHO projects that diabetes deaths will double between 2005 and 2030.

Healthy diet, regular physical activity, maintaining a normal body weight and avoiding tobacco use can prevent or delay the onset of diabetes.



"The amount of people with diabetes in the world will increase from about 130

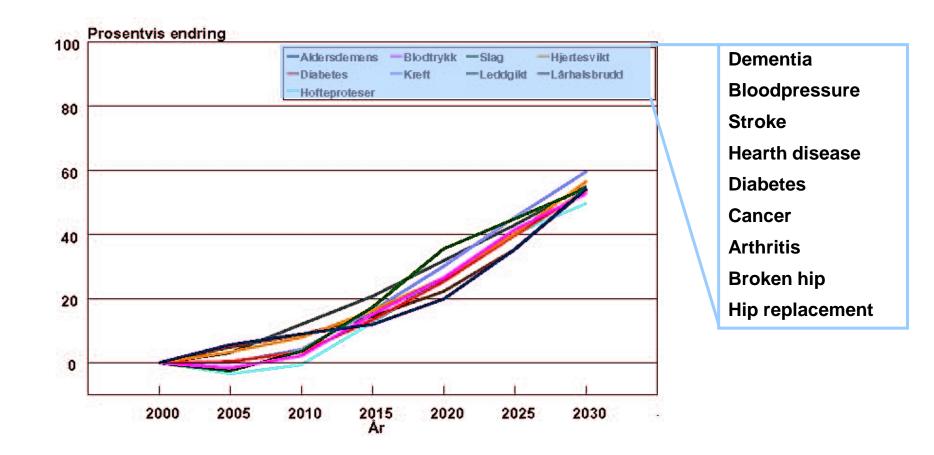
million people in 2003 to more than

300 million people in 2025. This disease has the capacity to cripple health systems as they are today.





"Everything" Increases







The Number of Patients Getting Treatment...

Case: Central Norway – 680.000 inhabitants

2009:

- 911.654 outpatient consultations
- 78.893 day-treatments

• 125.000 overnight patients

7,9:1





Mobile Technology – Accelerating Mobile Medicine



Students testing portable ultrasound at the university in Trondheim

Moderne acute medicine



Dialysis at home or local medical unit





- På lag med deg for din helse -





The Personell Challenge

- every 6.th child from primary school is recruited for healthcare and social work
- Healthcare and service at same level as of today in 2025, implicates recruitment of every 4.th child from primary to become a healthcare or social worker
- every 3.rd child





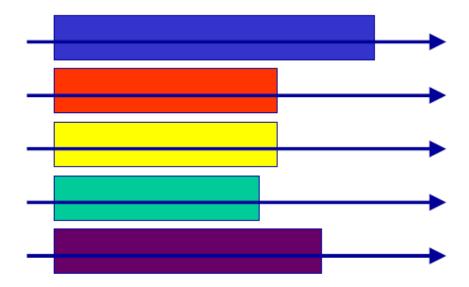






Todays Education

The education of professionals







Future Needs

From a healthcare perspective we'll need

- more and well educated personell
- lifesaving technology
- inventions for more efficient healthcare
- tech for the elderly population
- telemedicine and mobile/desentralized medicine-tech





Give us simple and efficient technology for the growing patient groups

 not only sophisticated high-tech for the few





"If you believe research is expensive



try disease...."

Mary Lasker 1901 – 1994 American Health Activist





