

The environmental plan of Västerbotten County Council

An overview and presentation of chosen strategies

County of Västerbotten



The County Council of Västerbotten

The County Council

- Principal provider of medical care in the county of Västerbotten.

Tasks

- Health and medical care
- Dental care
- Service for people with disabilities
- Public health
- Public transport

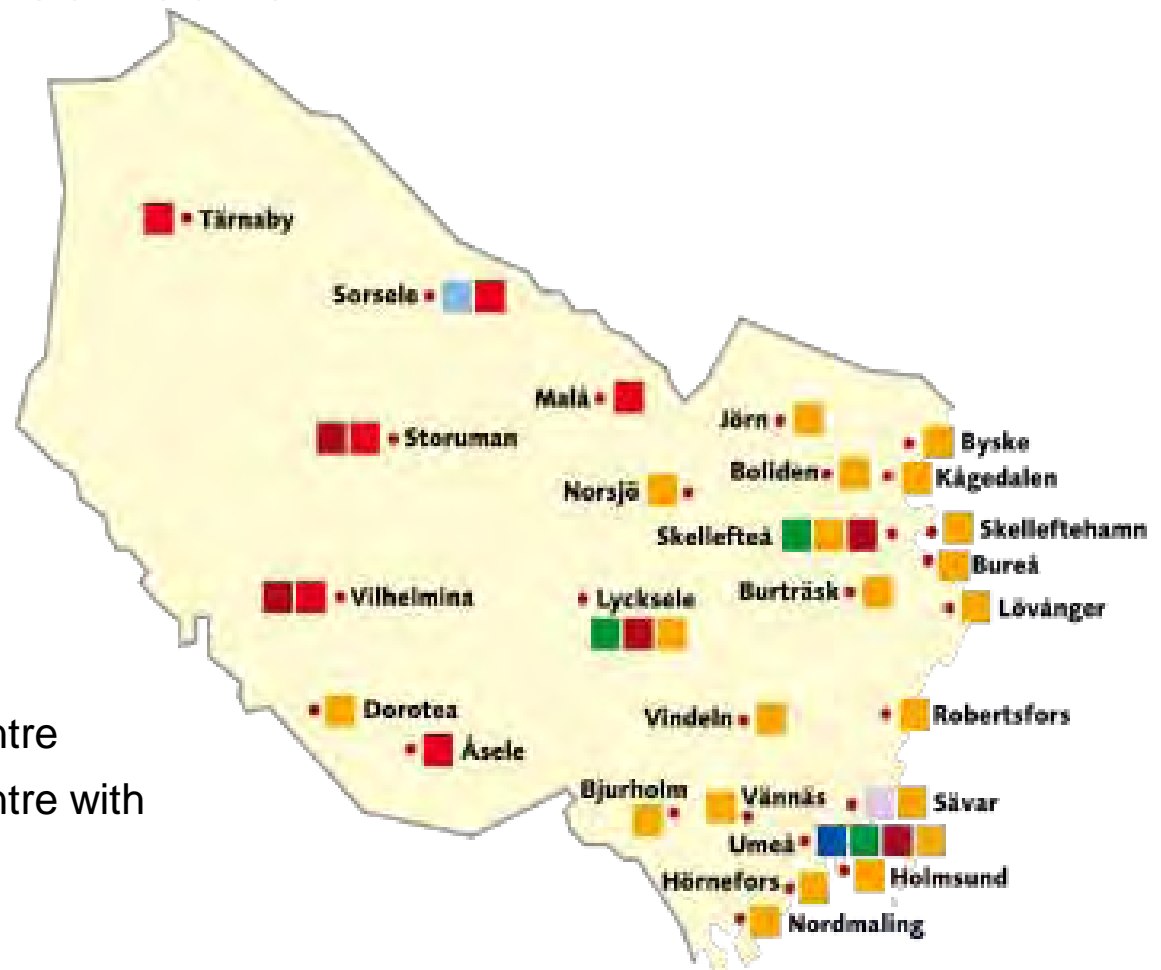
County Council production (2011)

Patients admitted to hospital	55 000
Operations	34 000
Visit to doctors/hospital wards	320 000
Visit to doctors/medical centers	240 000
Medical treatment	950 000
Dental healthcare visits	302 900
Sum	1 901 900



Health and medical care

- University, regional and county hospital
- District hospital
- Psychiatric care
- Community health care centre
- Community health care centre with emergency
- Sanatorium
- Rehabilitation unit



Environmental programme of Västerbotten County Council

Environmental programme of Västerbotten county council 2012-2020 (contains environmental policy, environmental objectives.) Decided by The county council assembly in october 2012.

Detailed goals and programme of actions 2011-2014 Decided by The executive board.

Focusareas in the environmental programme for Västerbotten county council

Buildings and use of energi

Transports

Pharmaceuticals and nitrous oxide

Products and chemicals

Waste management and recycling

Organisation and education

Detailed goals for focusarea Buildings and energy use

- Electricity use in the buildings of the county council is reduced by 17% in 2014 to 108 kWh/m² (22% in 2020 to 100 kWh/m²)
- Energy for heating in the buildings of the county council is reduced by 12% in 2014 to 113 kWh/m² (17% in 2020 to 105 kWh/m²)
- Total use of energy in the buildings of the county council is reduced by 9% in 2014 (15% in 2020)

Example of activities to achieve the goals for Buildings and energy use

- Replace steamproduction with more energy efficient methods
- Life cycle cost, LCC, when buying new equipment
- Green IT
- Energysmart behavior

Detailed goals for focusarea Transports

- Carbon dioxide emissions from travelling in services totally is reduced with 9% in 2014 (18% 2020)
- Carbon dioxide emissions from travelling in services, with car, is reduced with 25% in 2014 (40% in 2020)
- Carbon dioxide emissions from public transports ordered by the county council is reduced with 20% in 2014 (30% in 2020)
- Energy use from travelling in services, totally, is reduced with 10% in 2014 (19% 2020)
- The share of green vehicles amongst the cars of the county council is 100% in 2014
- 10% of the travelling in services between Umeå – Stockholm is going by train in 2014 (25% 2020)

Example of activities to achieve the goals for Transports

New regulations for travelling in services is decided which which prioritises:

When possible use video, webb or telephone for meetings instead of travelling

Train on long distances

Bus on short distances

Carpool

Sharing cars

Eco-driving

Result of mapping – comparison between 2001 and 2009 – travelling in services

	Sträcka (mil)			CO ₂ (ton)					NO _x (ton)		Kostnad (Mkr)	Energi (GWh)
	2001	2009	%	2001	2001 inkl höghöjd	2009	2009 inkl höghöjd	%	2001	2009	2009	2009
Verks.bilar	393 000	401 000	2%	700	700	580	580	-17%	1,10	1,30	14,82	2,19
Bilpoolsbilar		92 000	-			122	122	-		0,20	2,03	0,48
Hyrbil	51 000	36 000	-29%	100	100	66	66	-34%	0,20	0,10	1,28	0,20
Privatbil	201 000	161 000	-20%	420	420	296	296	-30%	1,30	0,36	3,87	1,02
Taxi	5 000*	12 000	140%	10	10	23	23	130%	0,20	0,03	2,25	0,09
Buss	30 000*	121 000	303%	12	12	101	101	742%	0,20	0,60	1,17	0,47
Tåg	42 000	26 000	-38%	0	0	0	0	-39%	0,00	0,00	0,52	0,02
Flyg	863 000	1 062 000	23%	1 520	4 104	1 542	4 163	1%	5,30	4,89	18,35	5,20
Totalt	1 585 000	1 911 000	21%	2 762	5 346	2 730	5 352	0%	8,30	7,48	44,28	9,67

Car sharing project in Storuman

- Cooperation between Västerbotten County council and the municipal of Storuman

Planning period june – october
2012

Testperiod november – december
2012

Evaluation – until march 2013



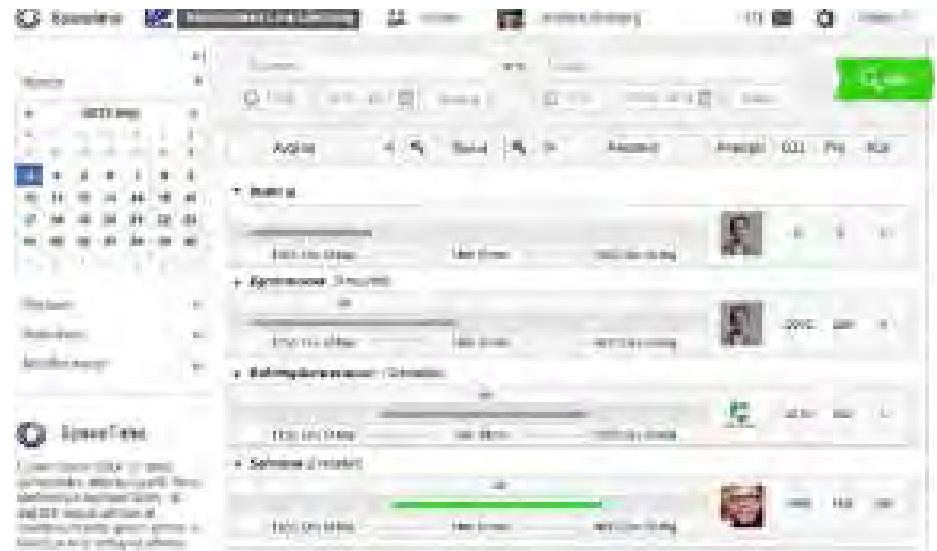
Car sharing project in Storuman – new bookingsystem for travel planning

New planning system is tested in the project

Purpose to minimize carbondioxide emissions

Prioritize different ways of travelling for example a travel between Storuman and Tärnaby (150 km)

1. Distancemeeting (phone, video, web)
2. Bus
3. Car sharing
4. Car of your own



Car sharing project in Storuman - GPS

GPS is installed in the cars

Statistics on;

- kilometers
- kg carbondioxide
- cost
- ..on each trip

Education in ecodriving

GPS is a tool for spar coach – to maintain driving in an economic way



Car sharing project ...

The project in Storuman will continue in 2013

Project with development of the booking system will continue

The bookingsystem will be introduced in more cars and in more places in the county of Västerbotten

Goals for focusarea Pharmaceuticals and nitrous oxide

- Pharmaceutical emissions and waste is reduced according to plan in 2014
- 75% of the prescribers of pharmaceuticals have been educated in reducing emissions and waste in 2014
- Emissions of nitrous oxide has been reduced with 30% in 2014

Example of activities to achieve the goals for pharmaceuticals and nitrous oxide:

Selected pharmaceuticals is followed

Education for prescribers

Investment in destruction facility for nitrous oxide

Goals for focusarea Products and chemicals

- The share of ecological food is at least 25% in 2014
- The share of socially and ethically labeled food is 25% for chosen products in 2014
- All chemicals used in the county council is registered in 2012
- 5% of chemicals who has serious health and environmental effects have been phased out
- Products containing PVC, silver or phase-out substances is replaced when possible
- Code of conduct for Social responsibility in procurement is used when purchasing all concerned products in 2014

Example of activities to achieve the goals for Products and chemicals:

Using ecological and social requirements/codes when purchasing products and service for the county council

Education

Goals for focusarea Waste and recycling

- The total amount of waste has been reduced with 5% per care episode in 2014
- The amount of hazardous waste has been reduced with 60% per care episode in 2014
- The share of recycled waste is 25% in 2014

Example of activities to achieve the goals for waste and recycling:

Equipment for recycling

Sorting out organic waste from kitchens

Goals for focusarea Organisation and education

- Environmental management system is implemented in departments of the county council in 2014
- All managers has received environmental education in 2014

Example of activities to achieve the goals for organisation and education:

Plan for implementation and certification of the environmental management system

Plan for education