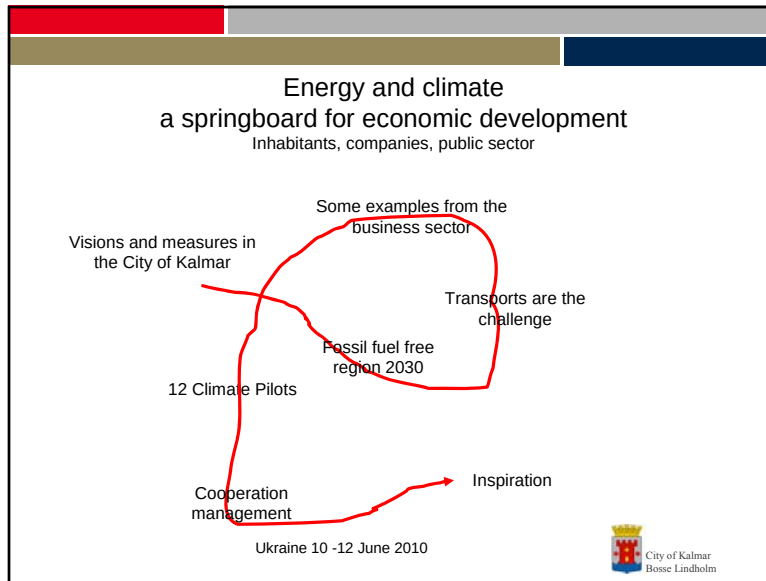






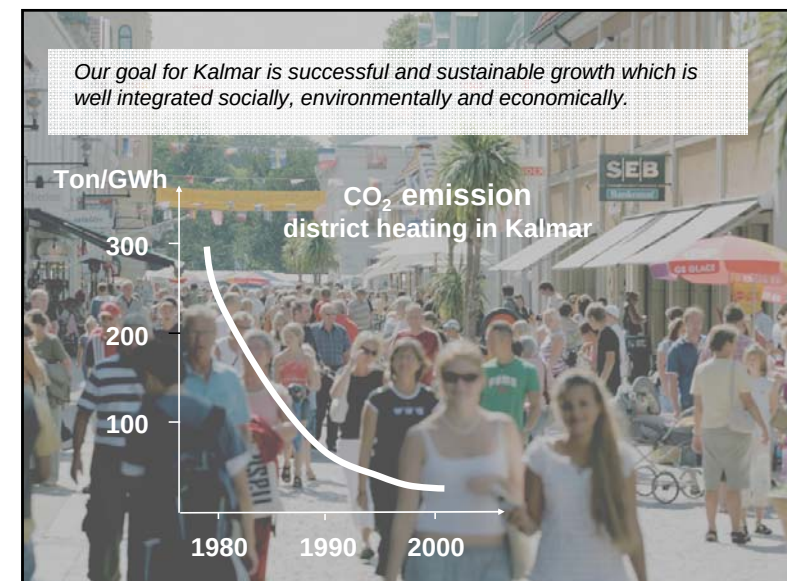
From manufacturing

To service, commerce, trade, tourism and education

62 000	Inhabitants
10 000	Students
3 million	Visitors/tourists

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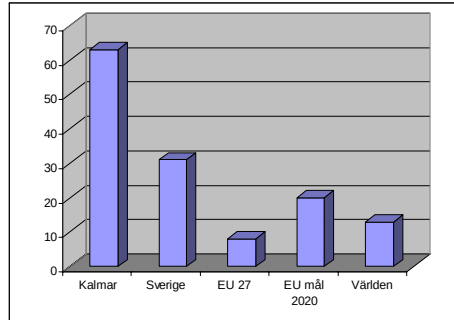
 City of Kalmar
Bosse Lindholm



Fossil fuel free region 2030

nooil.

Share of (%) renewable energy

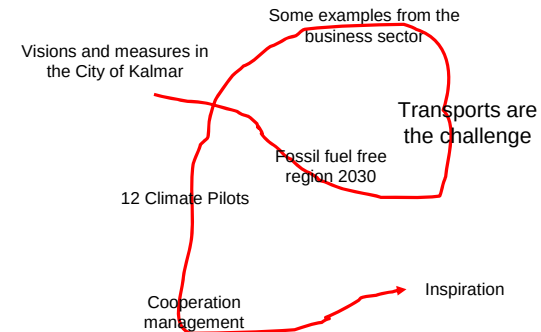


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Energy and climate a springboard for economic development

Inhabitants, companies, public sector



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Accessibility creates values

Turn over + 20 %

Sustainable Transports:

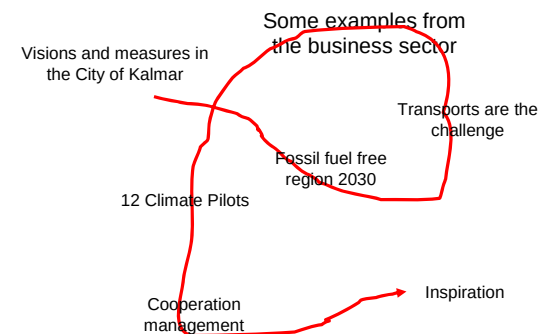
- Ecological
- Economy
- Social

Mobility creates costs

Customers - 25 %

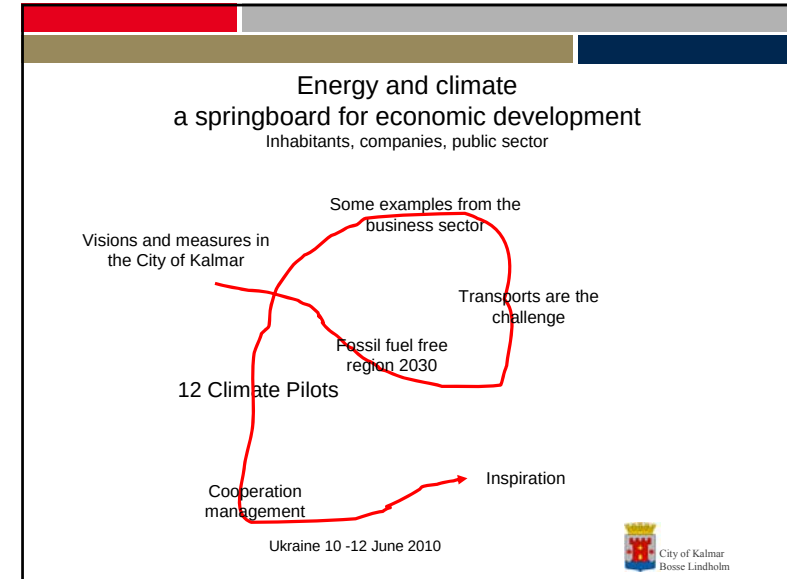
Energy and climate a springboard for economic development

Inhabitants, companies, public sector



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Engaging and involving citizens

in climate and energy issues

 **City of Kalmar**
 WWW.KALMAR.SE

nooil.

THE REGIONAL COUNCIL
 IN KALMAR COUNTY

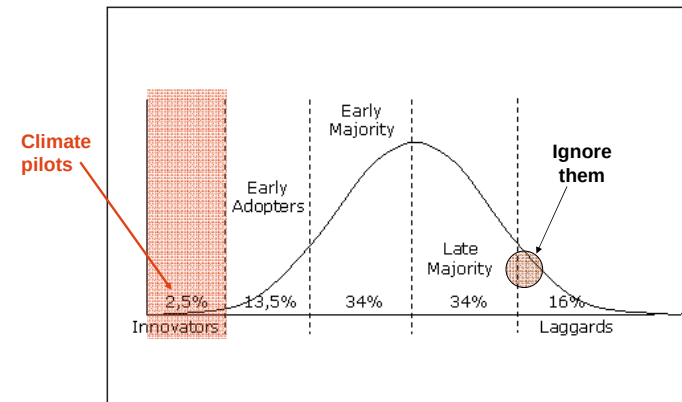
Objectives and aim

- **Try different methods / products** to reduce greenhouse gas emissions to a more sustainable level.
- **Gain knowledge** about everyday and structural barriers to living a climate friendly life in our city.
- **Climate Pilots as models** for other citizens –
 - information about the project through the media, websites and blogs.
- **Message:** Climate-smart lifestyle = good life!

Climate Pilots in Kalmar



Rogers Adoption / Innovation Curve



12 challenges



12 challenges



Testing in reality

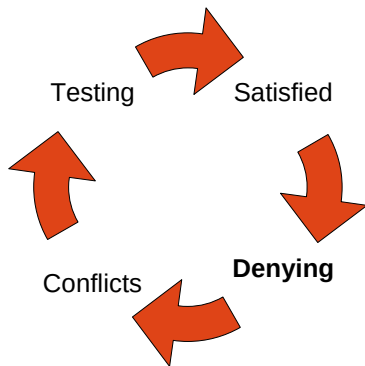
Make visible!
Try! Test!



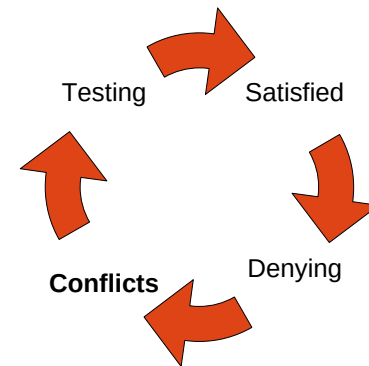
Phases for Change of behavior



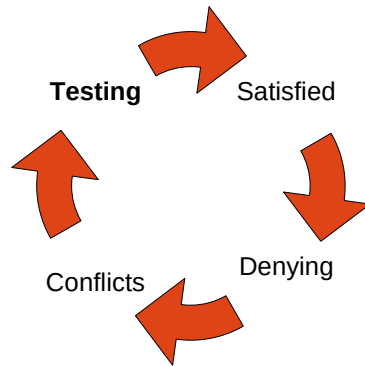
Phases for Change of behavior



Phases for Change of behavior



Phases for Change of behavior

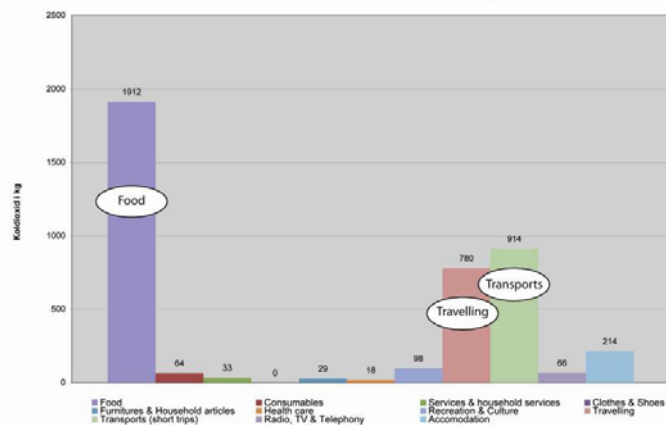


Result in Kalmar

- On average **minus 32%** greenhouse gases
- Total decrease of **53 ton greenhouse gases** in one year for all the households together
- Equals to the emissions from 10 rounds around the earth with a car
- **Food is in top three** for all households

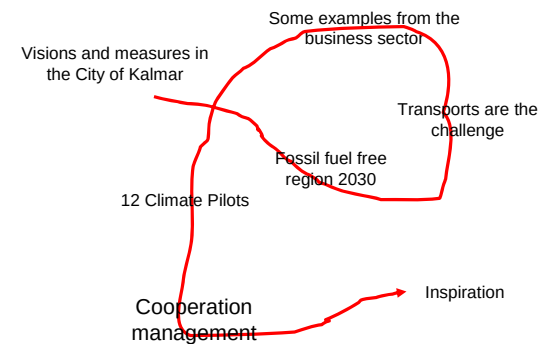
Klimatpiloterna

Greenhouse gas profile for the household Helin
Carbon dioxide in kilo during one year. Totally **4126 kg** per person



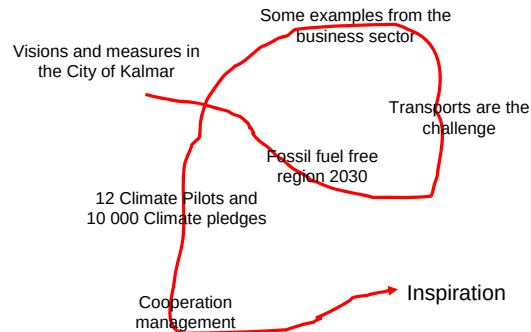
Energy and climate a springboard for economic development

Inhabitants, companies, public sector



Energy and climate a springboard for economic development

Inhabitants, companies, public sector



Ideas behind and methods for Arena/Forum building

Arena/Forum; Succes factors



- Way of organizing the work for added value
- The partners brings and owns the competence to make decisions – no “manager of the common task”
- Make clear the common values is the the platform
- Pay respect to all partners
- Agreement/contract and Communication strategy
- “Win – win” and “give and take”
balance

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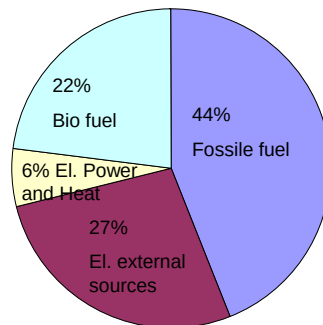
NO OIL 2030

Careful transports

- CO₂ emissions decrease by 20 % year 2012 (by comparison with 1995)
- Public transports yearly increase by 10 % (without increased emissions of CO₂)
- Biking increased by 15% year 2012 (by comparison with 2008)

Energy efficiency in own buildings

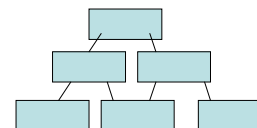
- Yearly decrease by 10 %



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Arena is not a.....



- Institution or administration
- A physical building
- Hierarchic organization
- “Magic wand”

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Arena is a.....



Physical or virtual network platform

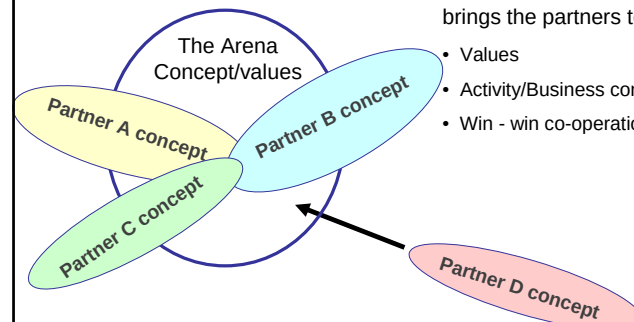
- Actors from different organisations
- Organisation; informal, NGO, Ltd
- Common values is the platform



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Arena; Common concept



The common understanding brings the partners together

- Values
- Activity/Business concept
- Win - win co-operation

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Arena; Three tasks

Degree of Commitment

Numbers of partners

1. Exchange of information and experiences
2. Common understanding and co-ordination
3. Co-operation in specific projects

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Arena; How to achieve participation

- ☒ Ethics
- ☒ Benefit
- ☒ Self-confidence
- ☒ Freedom of action
- ☒ Responsibility
- ☒ Feeling of importance
- ☒ Knowledge

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Four levels of Co-operation



1. Information
2. Consultation
3. Participation
4. Co-management

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Four levels of Co-operation



Information

- ☐ You need to pass on knowledge, opinions, experience etc. to the partner(s).
- ☐ You put the question; has the information been understood
- ☐ One way

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Four levels of Co-operation

Evaluation form/ M?u đánh giá

Course/subject:	Date:
ngày	
According to your experience of the course/subject, please tick the appropriate boxes.	
Thước kẻ đánh giá của bạn về khóa học/ chủ đề, vui lòng đánh dấu vào ô thích hợp	
1. Were the objectives fulfilled for this course/subject?	?
?	?
Very little	?
Very much	?
BT/LS	BT/LS
2. Relevance of course/subject to the objectives of the course/subject?	?
Very little	?
Very much	?
BT/LS	BT/LS
3. Was the course/subject	?



Consultation

- ☐ You need the knowledge, opinion, experience etc. of the partner
- ☐ You put questions; to ensure you that you have understood
- ☐ Dialogue.

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Four levels of Co-operation



Participation

- ☐ You want/ need the partner to take an active part in a project or a working group
- ☐ Motivation may be a part of the management of communication.
- ☐ Two way

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Four levels of Co-operation



Co-management

- ▣ You want/ need the partner to enter into a high degree of responsibility
- ▣ Competence in decision-making.
- ▣ Contract

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Public transports
53% renewable; biogas and RME
EURO CAP 5

nooil.

"The most climate smart busses in Sweden"

Kalmar län
Din plats på planeten

Climate Pledge in Kalmar County

Why a Climate Pledge campaign?

- Many feel worried
- Helps the citizens to do something about it
- From 12 Climate Pilot households to 10 000 people

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Objectives

- 10 000 Climate Pledges in Kalmar County
- All the pledges shall decrease the CO₂ emissions with 20% to 2010 compared to the level in 1990.



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City of Kalmar
Bosse Lindholm

How to give your Climate Pledge



www.minplanet.se/kalmarlan

www.klimatloftet.kalmarlan.se



City of Kalmar
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Kommunerna i Kalmar län

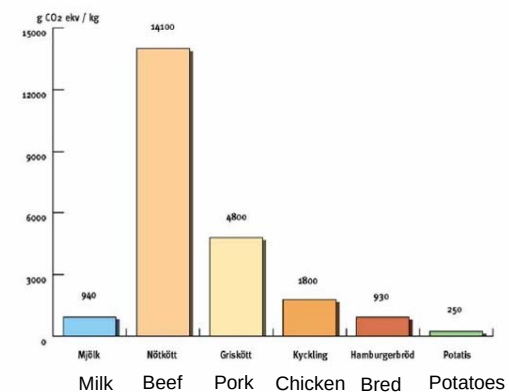
Oskarshamn	(284) 107.83
Nybro	(188) 96.14
Hultsfred	(121) 86.61
Mönsterås	(100) 76.96
Högsby	(43) 72.51
Emmaboda	(57) 61.37
Borgholm	(63) 57.82
Torsås	(37) 52.21
Vimmerby	(80) 51.37
Mörbylånga	(53) 38.42
Kalmar	(216) 34.99
Västervik	(106) 29.16

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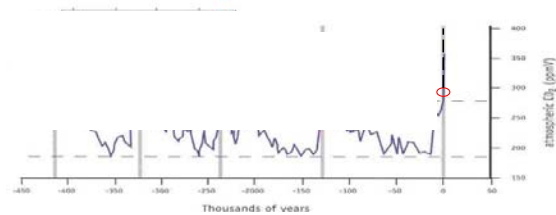
City of Kalmar
Bosse Lindholm

CO₂ emission per kg



Nicholas Stern, Okt 2006 <http://www.occ.gov.uk/activities/stern.htm>

1. Today's level means 15-20 % drop of global GDP 2050.
2. A few % of the global GDP for decrease the emissions to acceptable level



55 000

8100

500



"While the Embassy of Sweden carried out a number of green diplomacy activities on climate change with all the media attention the Climate Pilots project has received so far, it has proven to be one of our most successful."

Maud Olofsson: My reflection was that we need politics and climate agreements on a global level, but we also need this. We need this knowledge and inspiration, how we as individuals can change our behavior both when it comes to big and small things".



Climate Pilots



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