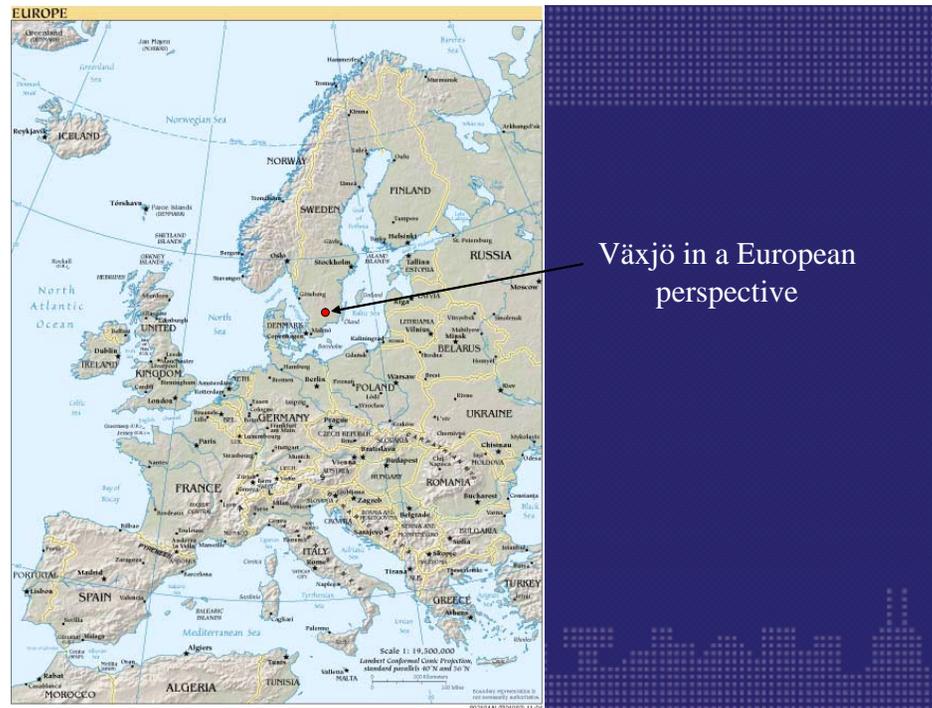
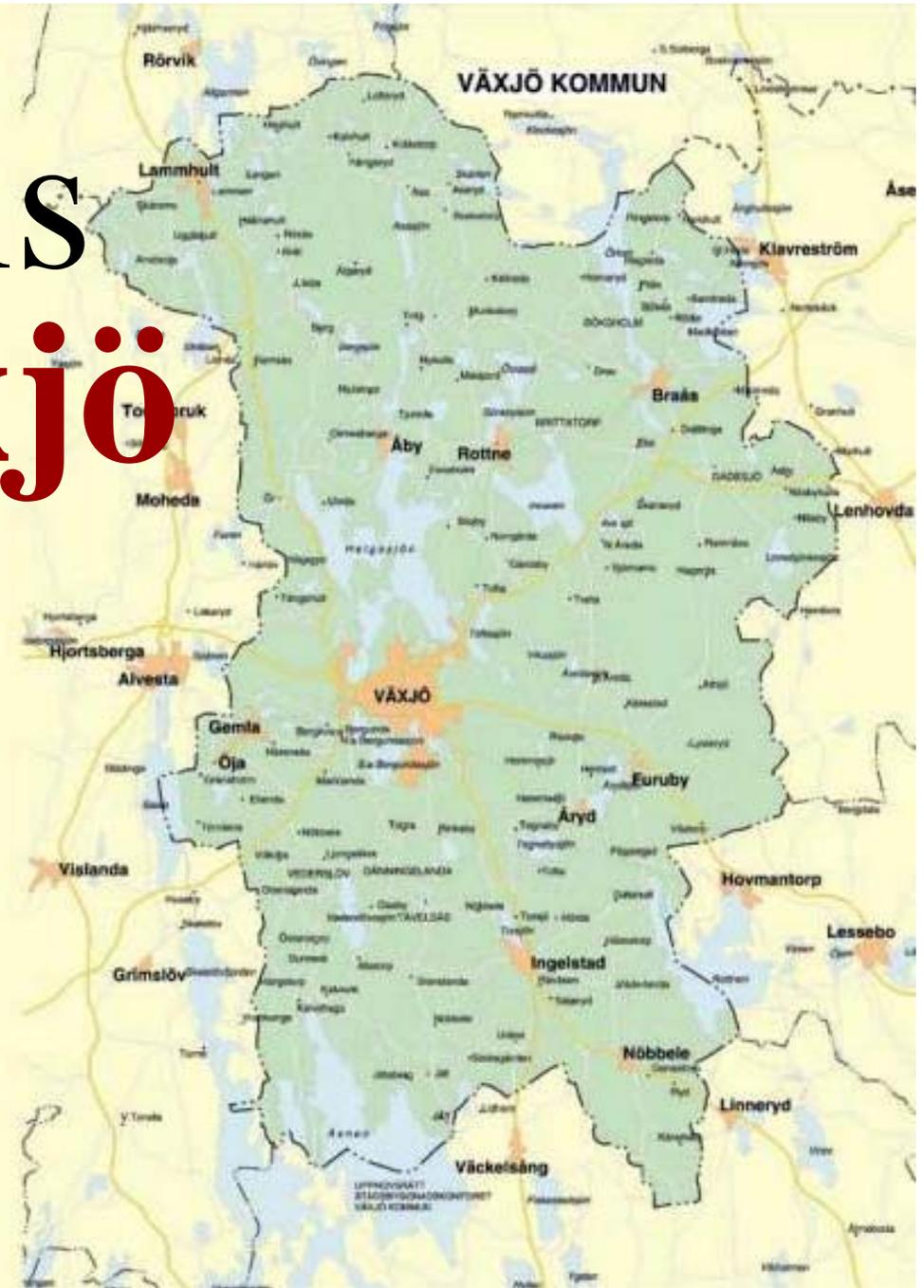


Växjö and ecoBudget



This is Växjö

- **Municipal profile**
 - Population: 77 363 (2005)
 - Land area: 1 674 km²
 - Municipal budget: 318 million Euro
 - Regional Centre in the province Småland
 - In the entrepreneurial region of Sweden



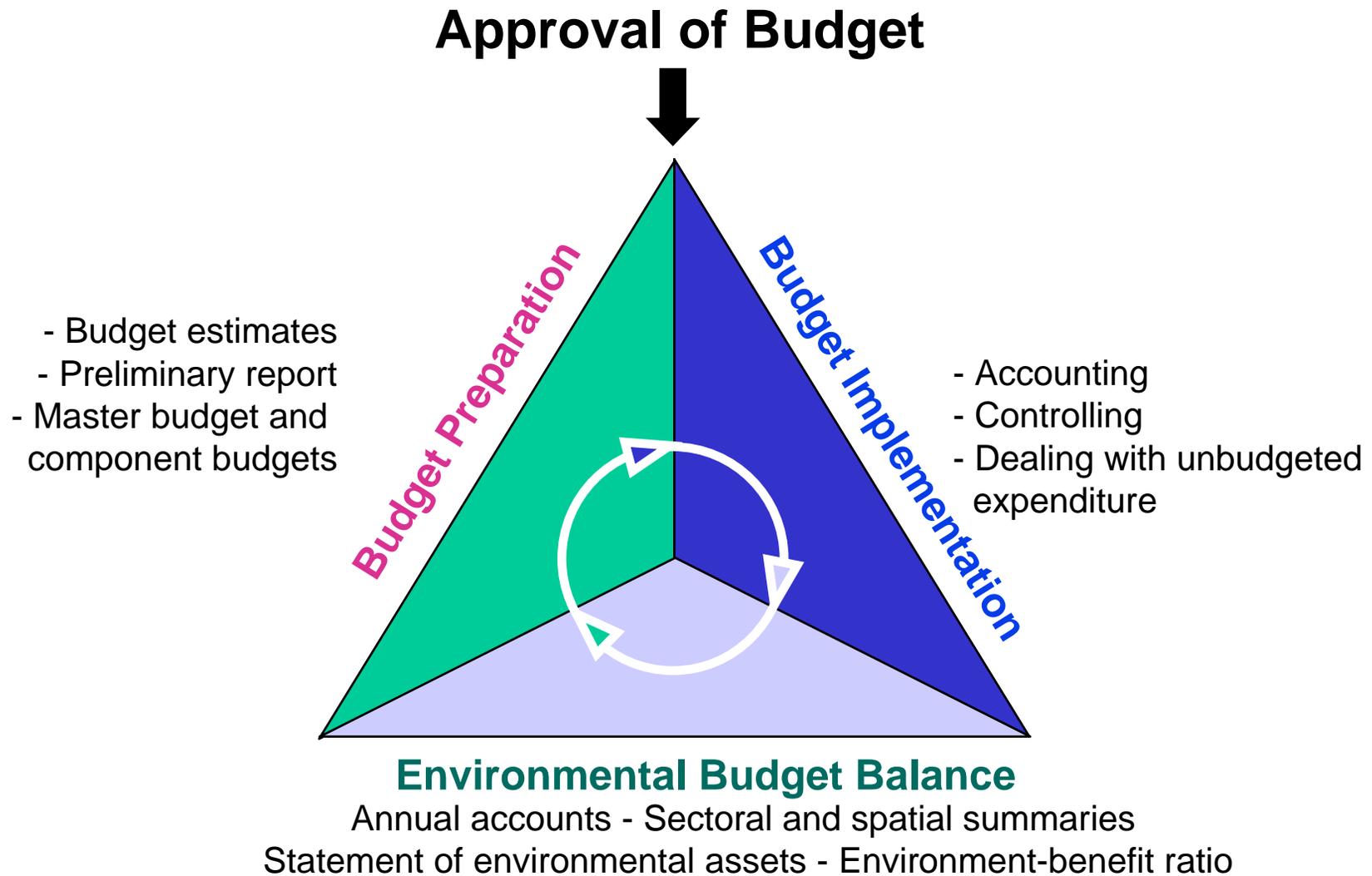
This is Växjö

Environmental Budgeting

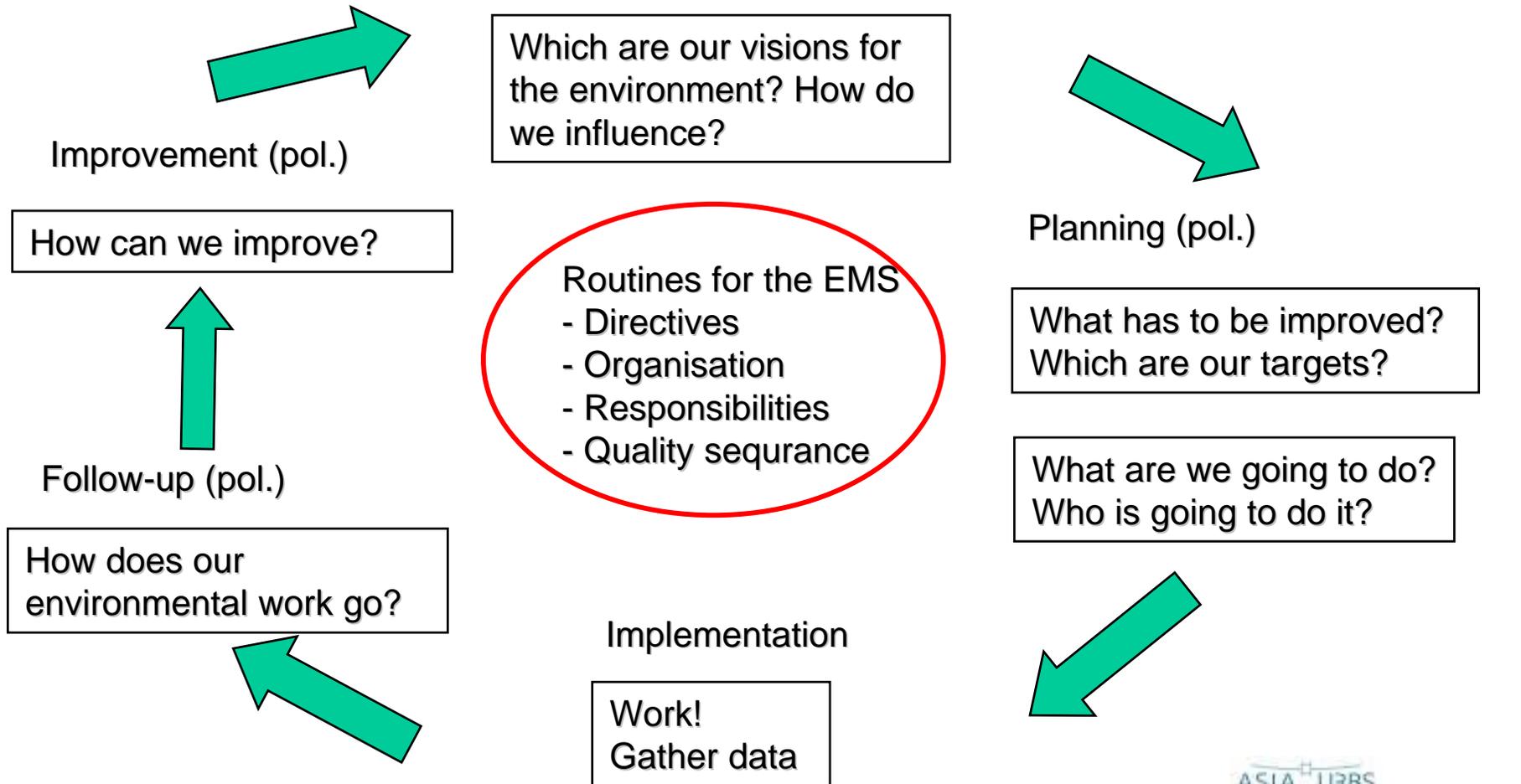


*Spending
within
natural
Limits!*

Environmental Budget Cycle



Corner-stones for the EMS



The need for an EMS



- Control all resources – financial, social and environmental
- Systemise the environmental work
- Enhance political and administrative awareness
- Set a good example

Type of indicators

Geographical indicators

- Public city transports (journeys with public city buses/year)
- Household waste to final treatment (kg/inhabitant/year)

Common indicators

- Fossil carbon dioxide emissions from transports and service (tonnes CO₂/year)
- Use of oil for heating (m³)

Sector specific indicators

- Green flag certified schools (no.)
- Purchase of ecological food products (%)

Budget and action plan

Agenda 21s målområde: Fossilbränslefritt Växjö

Indikator	Enhet	Referens värde 1999	Föregående värde 2001	Kortsiktig mål 2003	Långsiktigt mål 2010	Ansvarig
Fossila koldioxidutsläpp från transporter och service i kommunal organisation	Ton	1604	1657	1657	1000	

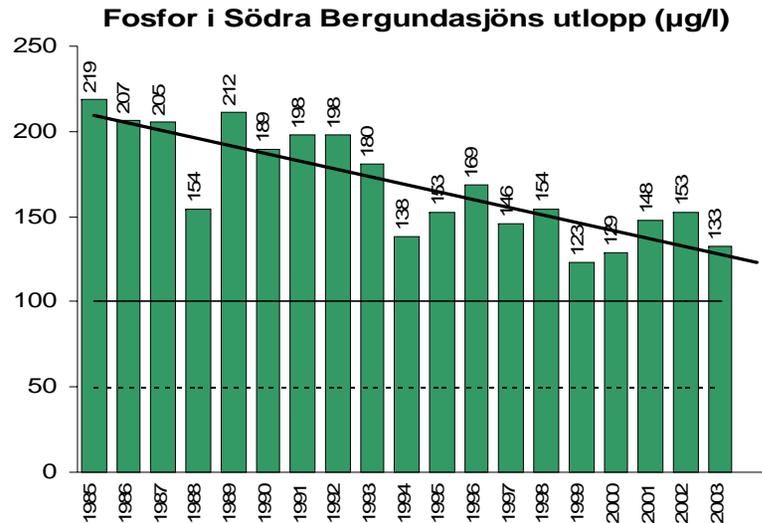
Åtgärder för att nå det kortsiktiga och långsiktiga målet	Ansvarig	Datum när åtgärden ska vara genomförd	Tillgängliga resurser 2003	Resursbehov 2004–2005
Byta ut 6 st bensindrivna mopeder mot el-fordon	Stadsträdgårdsmästaren	2004-12-31	Investering 125 tkr	Investering 125 tkr
Byte av 30 lätta fordon och 20 tunga fordon från fossilbränsle drivna till biogasdrivna	Förvaltningschef	2010-12-31		Merkostnad 30 tkr/lätt fordon och 500 tkr/tungt fordon

The Draft Master Budget (TUBIGON)

REGION					
PROVINCE : Bohol					
City/Municipality : Tubigon					
Environmental Issue	Resources	Indicator	Base year (2004)	Targets (2015) (Long term)	Start (2006) (Short term)
1.) Potable Water Supply	- Drinking water	# of sources positive of Colliform	4	0	0
		turbidity/concentration of suspended solids (ppm)	10 water sources don't meet DOH standard (ppm)	100% of sources meet DOH standard	50% of sources meet DOH standard
2.) Forest Cover (Coastal Zone)	- Mangrove forest	area covered/reforested	550 ha	600 has	555 has
3.) Forest Cover (Upland Zone)	- Timber/Fruit Tree	# of trees newly planted	0	20,000	4,000
		area covered	?	increase by 500 has.	increase by 50 has
4.) Degraded Marine Habitat	- Coral reefs/ sea grass beds	- # of established MPA's	5	12	7
		coral & seagrass cover (%)	40	70	- 45
		established MPAs (has)	196	287	222
5.) Rapid Siltation	- Quarry Materials	regulated quarry permits			
6.) Solid Waste Disposal	- Good built environment	% reduction of residual Solid Waste in tons/cum meter	0	- 30	- 5
		Hoseholds practicing segregation (%)	0	90	15

Budget balance I

Environmental report



Budget balance II

Annual report

	<i>Comment</i>	2002	2001	2002	2001
Climate Stability					
Carbon dioxide for the geographical area (kg CO2/inh/year)	1, A	3 800	3 802	3 800	3 802
Carbon dioxide emissions from the own org. (tonnes CO2/year)	2, A	4 321	4 332	4 762	4 788
Oil for heating (m3)	3, A	129	150	426	482
		2003	2002	2003	2002
Living Waters					
Phosphorus in the Lake Bergunda (mg/l average of three years)		145	143	145	143
Good built environment					
Household waste for deposit and incineration (kg/inh/year)		236	244	236	244
Biological treatment of household waste (kg/inh/year)		1	1	1	1
Trees in the streets (no.)		4 023	3 800	3 800	3 800

Advantages with *eco*BUDGET



- Continuous arena for environmental questions – driving element of sust. dev.
- Financial integration gives status
- Systematics in planning, implementation and follow-up – environmental results
- Enhances the capacity and knowledge
- Cross-departmental contacts
- Flexible system

Future

- Improve the EMS by tackling challenges
- Integrate democracy issues, equality of opportunity, rights of immigrants, disabled and children
- Promote sustainable management in the world



Bologna meeting



Bologna press conference



1st Field Visit in Bohol



Start up meeting



Tubigon City council



Tubigon Mun Dev Council



Always good lunches



The Govenor dances



Chocolate Hills



Mangrove plants



Tarsier

