



#### Low energy by procurement

Smart municipality on the move

# Municipality of Mönsterås

13.500 inhabitants

598 km2 of land area

333 km2 of sea

9 km2 of lakes







# If there is will, there is a way

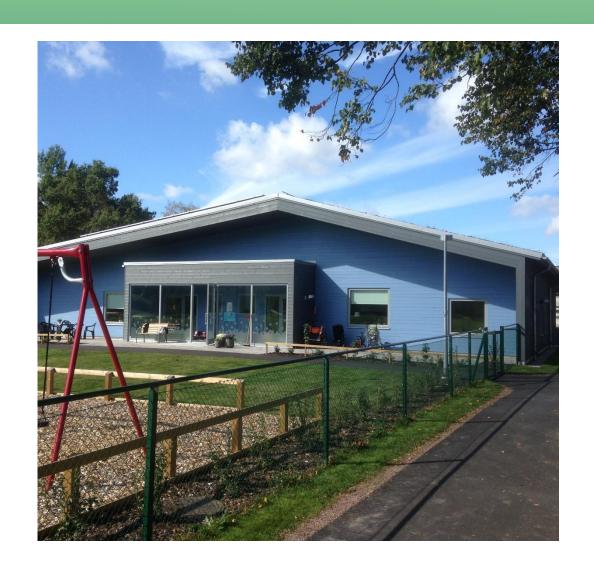
Benchmarking

End user involvement

Zero energy buildings

Publicity, fame and savings!





### Library and daycare centre

Political proposal

Wood building strategy

Energy- and climate strategy

Needs for the future





# Library

More than books

Online bus timetable

PVs, green roofs, sunblocks

Default architectual design





# Daycare centre "the galaxy"

More than meets the eye

Climate neutral building

Material with low impact

Digitalized monitoring and control





### Technical data daycare centre

630m2 building area

All wood construction

40 kWh/m2 energy use or less

300m2 green roof with sedum

100m2 of PV

12000 kWh/year electricity production

All indoor LED lights

Connected to the district heating grid powered by 100 % renewables by woodchips





### Technical data library

630m2 building area

Wood construction

Meets the standard for low energy buildings

300m2 green roof with sedum

100m2 of PV

12000 kWh/year electricity production

All indoor LED lights

Connected to the district heating grid powered by 100 % renewables by woodchips





## "It's a wonderful place to work"

No more headeaches

Clean and alive

Wood feels cozy

Happy and relaxed children



