

THE CLIMATE CONCEPT 2020 OF HERTEN

SPEAKER BERND TENBERG



DISTRICT ENERGY CLIMATE SUMMIT
COPENHAGEN 3RD NOVEMBER

HERTEN IN THE RUHR AREA

A PART OF THE CENTER OF ENERGY IN GERMANY



THE CHALLENGES

STRUCTURAL CHANGE



THE CHALLENGES

POPULATION DECLINE



THE CHALLENGES

CLIMATE CHANGE



THE HEART

PLAYERS AND THE ORGANISATIONS IN THE PROCESS THE CLIMATE GROUP

DEPARTMENT OF
URBAN DEVELOPMENT

PUBLIC UTILITY
SERVICES

DEPARTMENT OF
ECONOMIC
DEVELOPMENT

MUNICIPAL
FACILITY
MANAGEMENT

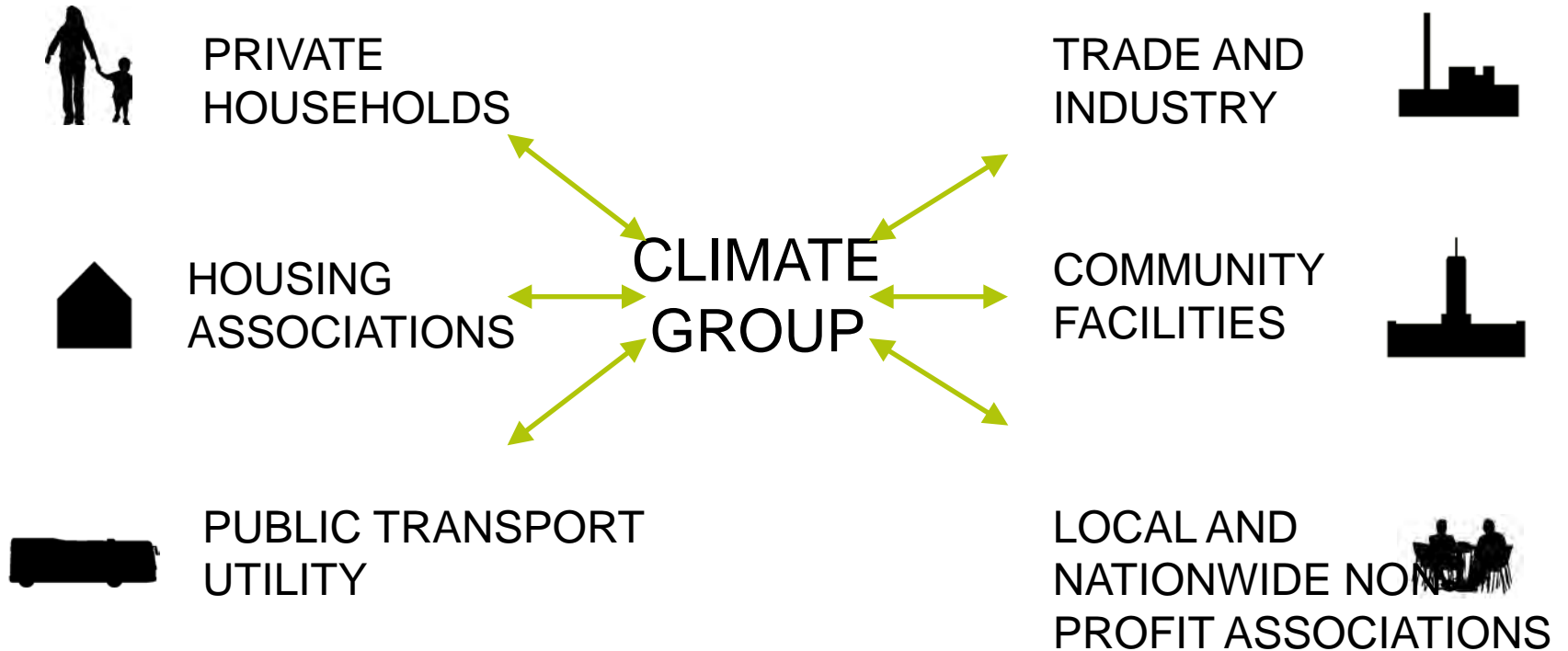
MUNICIPAL ENERGY
PROVIDER

EXTERNAL
CONSULTANT



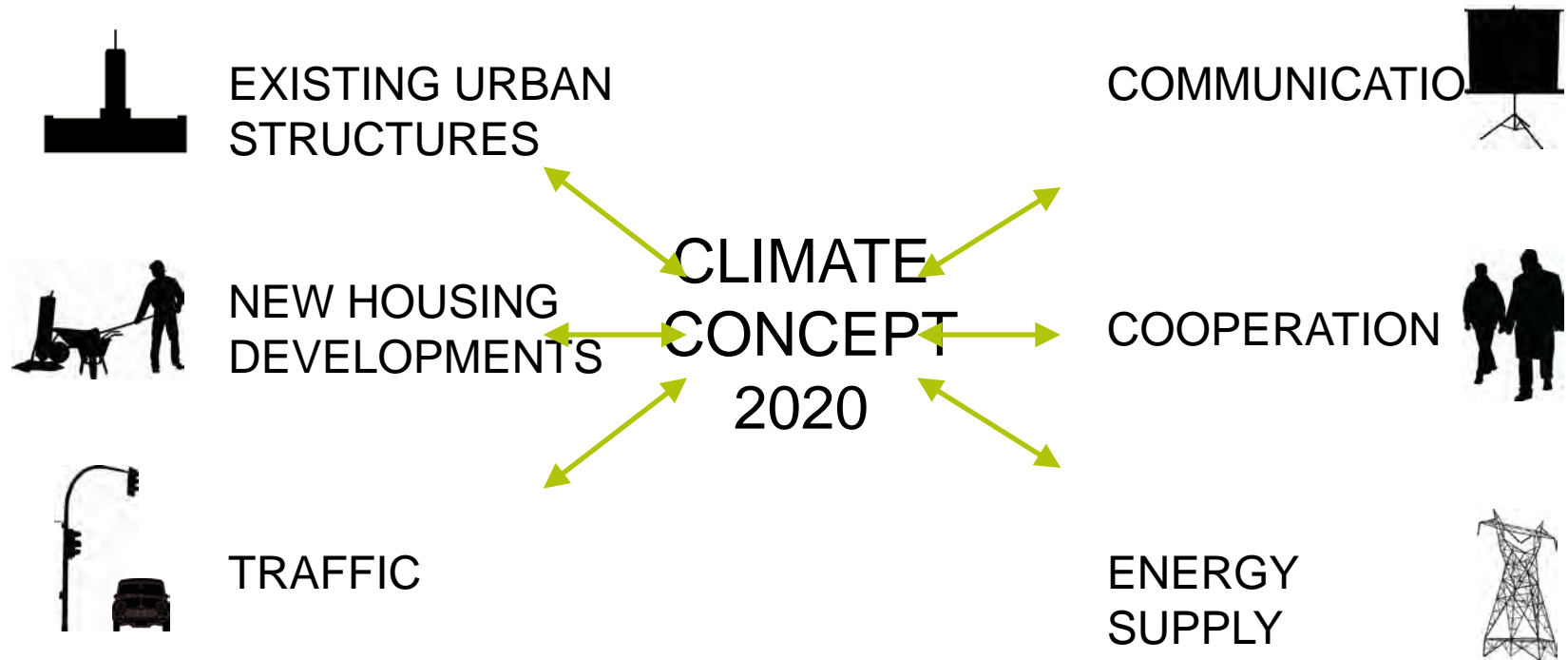
THE HEART

PLAYERS AND THE ORGANISATIONS IN THE PROCESS
THE TARGET GROUPS



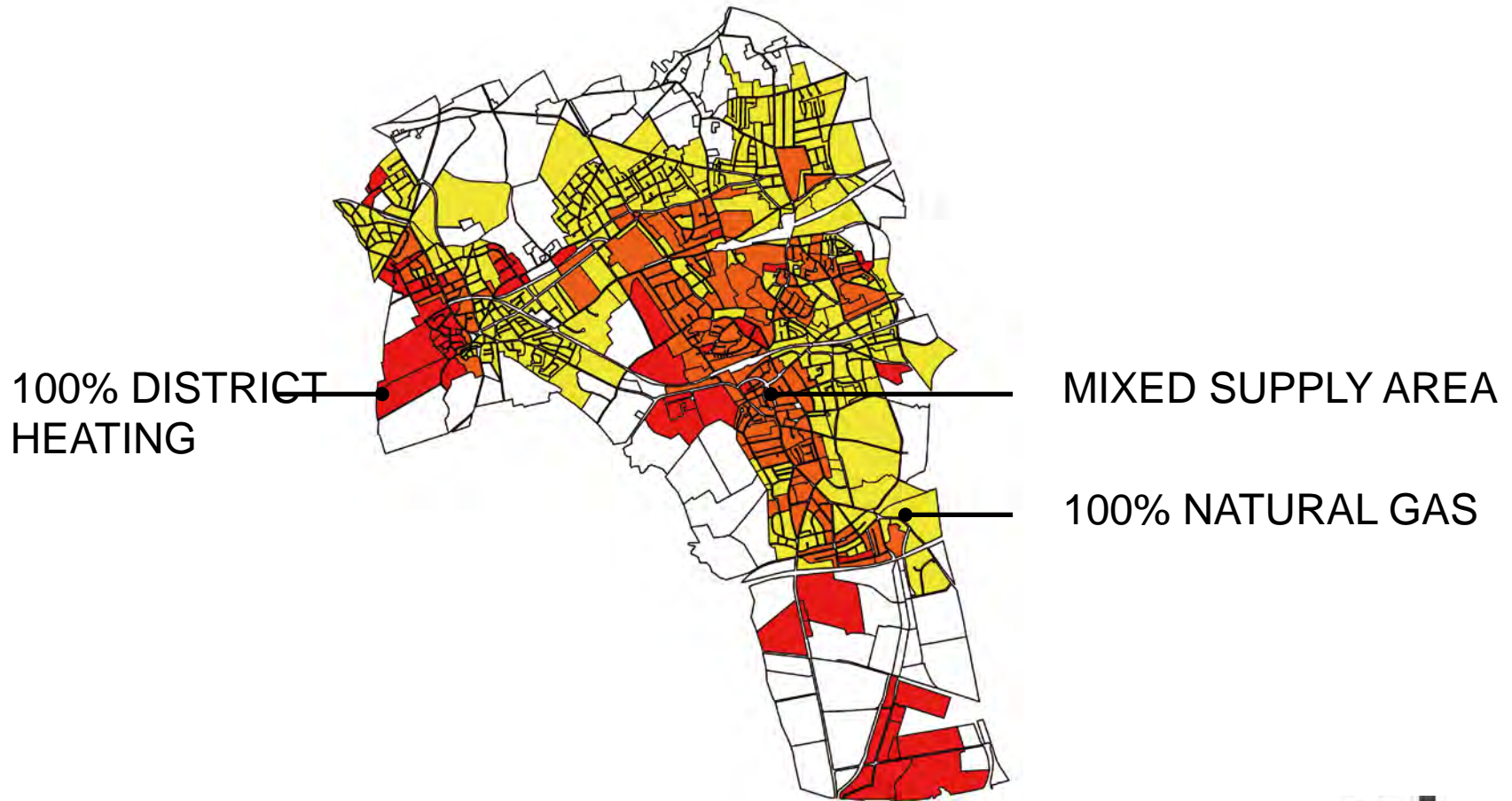
THE HEAD

CLIMATE CONCEPT 2020 OF HERTEN



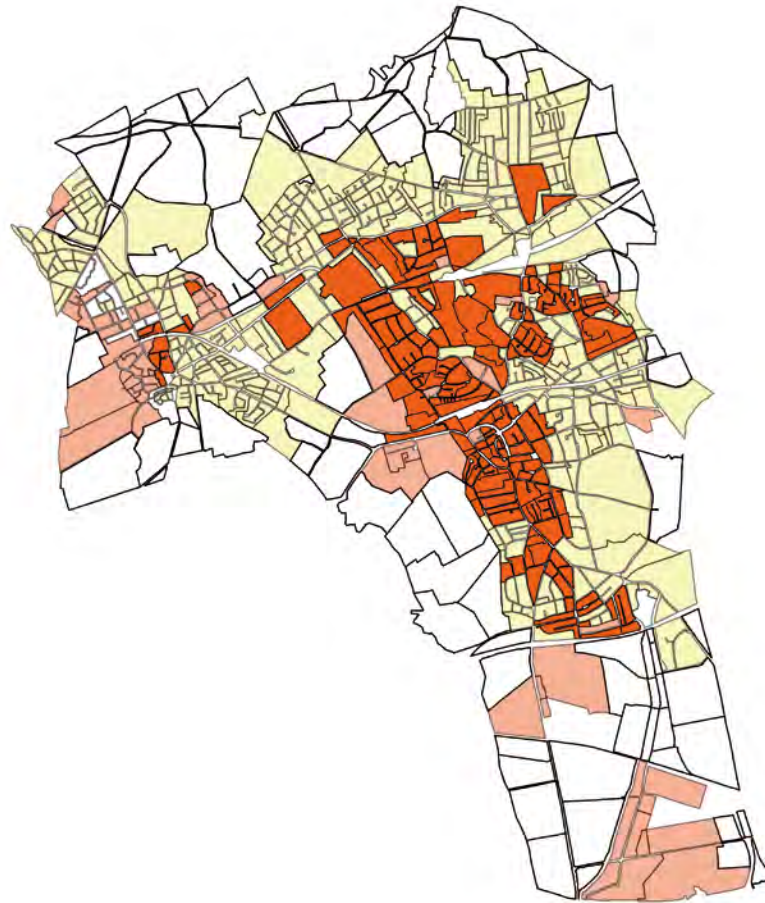
THE BACKBONE

DISTRICT HEATING STRATEGY OF HERTEN CURRENT STANDING



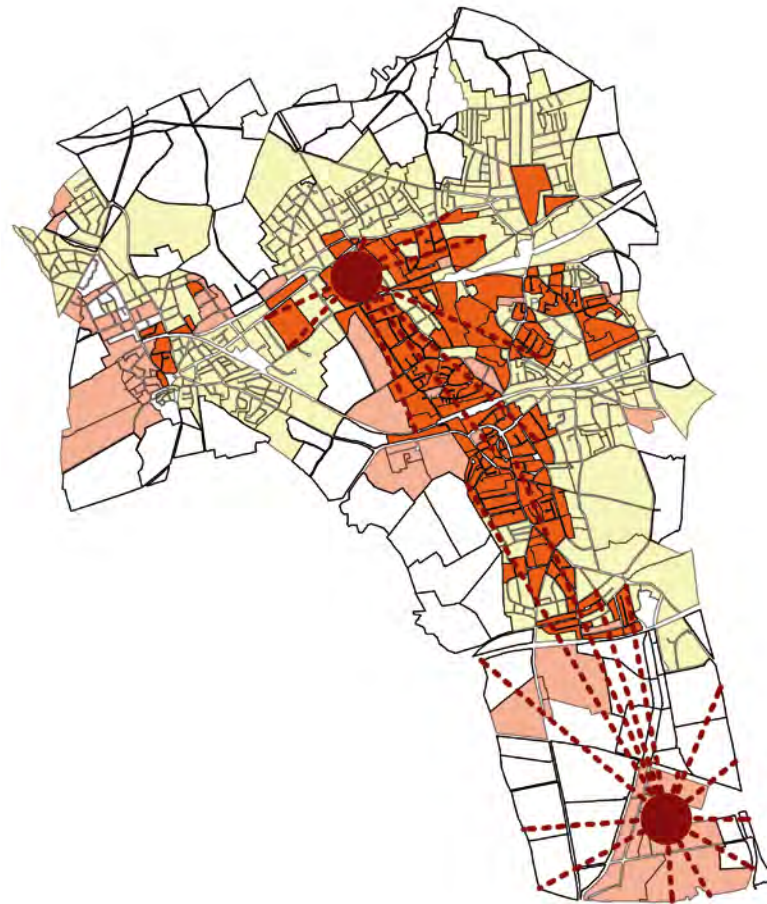
THE BACKBONE

DISTRICT HEATING STRATEGY OF HERTEN _ EXPANDING
DISTRICT HEATING
IN THE CENTRE



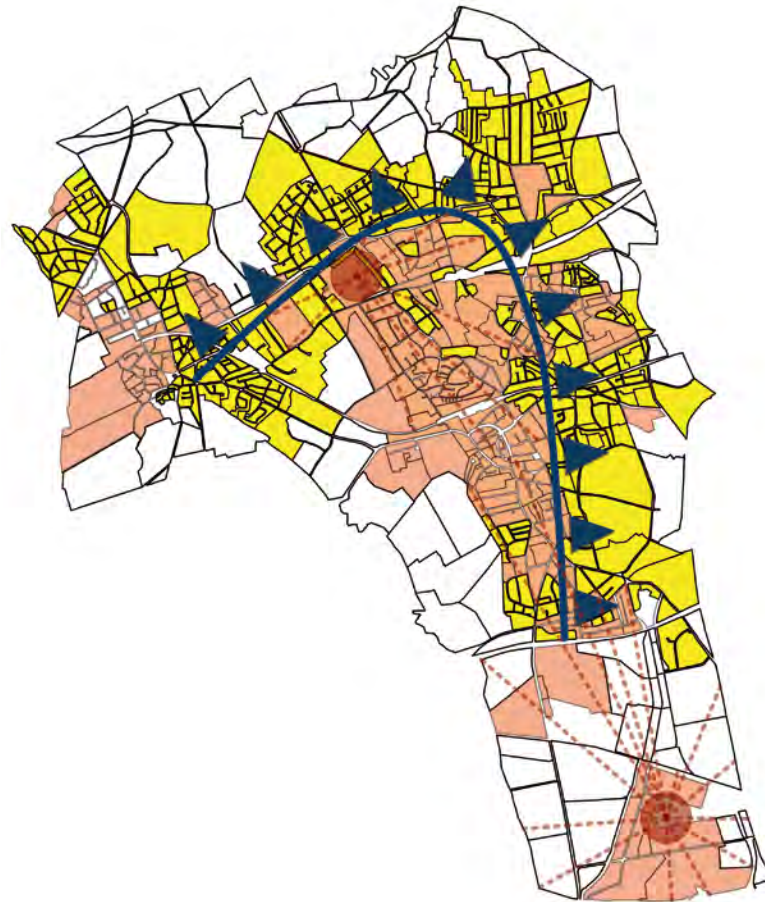
THE BACKBONE

DISTRICT HEATING STRATEGY OF HERTEN _ EXPANDING
RENEWABLE ENERGY



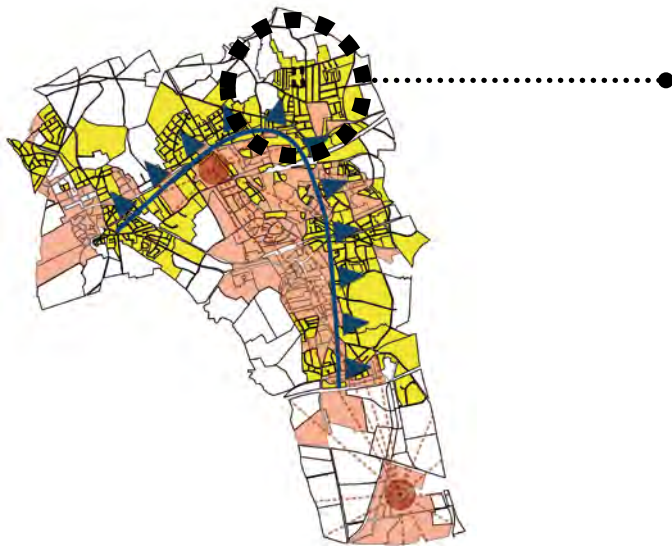
THE BACKBONE

DISTRICT HEATING STRATEGY OF HERTEN _ EXPANDING
DECENTRALIZED DISTRICT HEATING



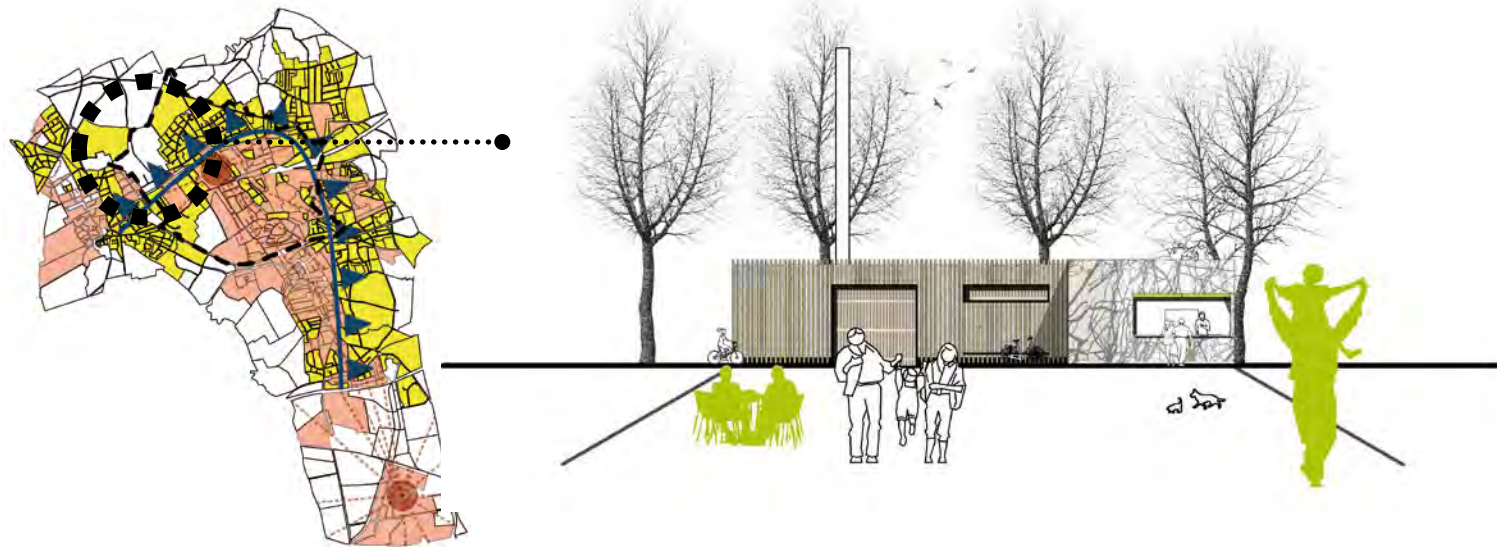
THE BACKBONE

EXAMPLE _ NEW HOUSING DEVELOPMENT SONNE+



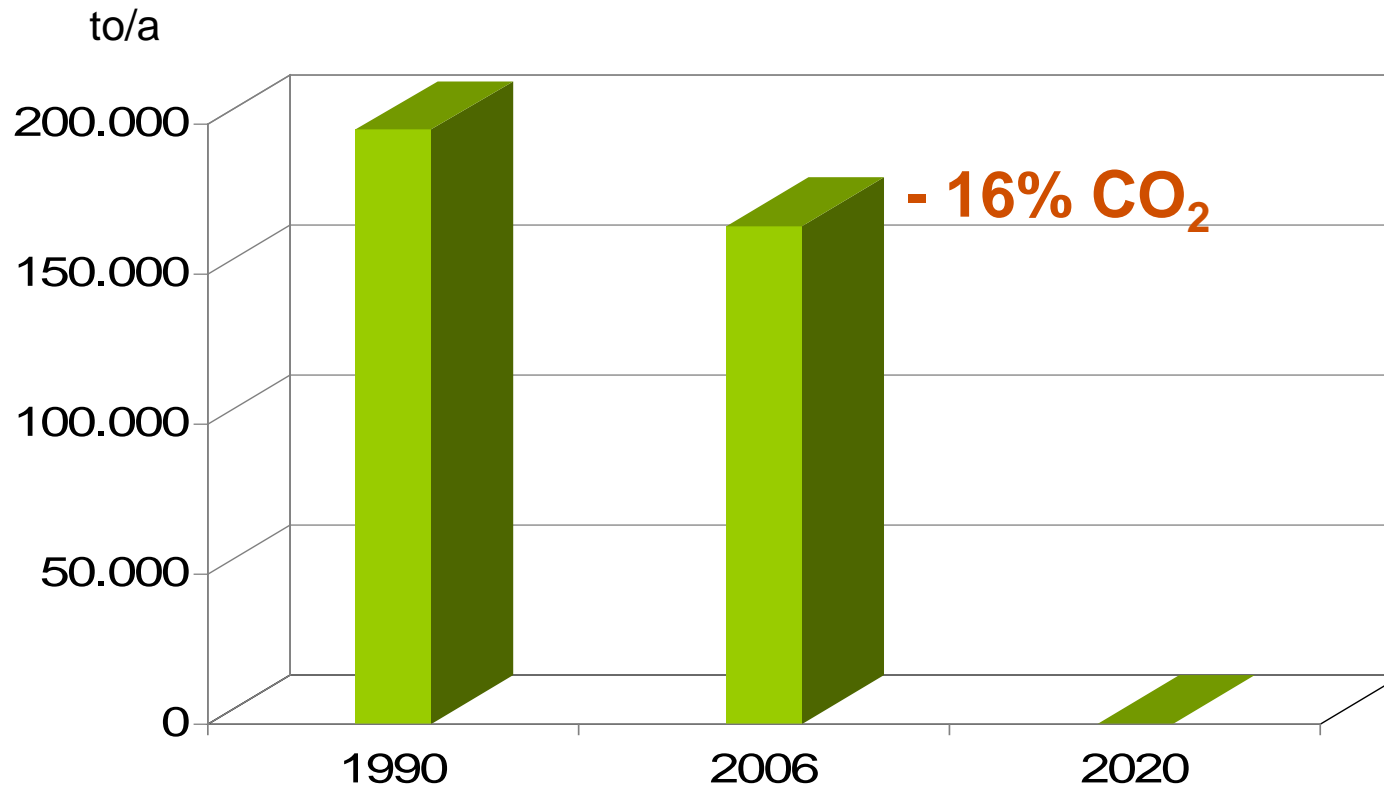
THE BACKBONE

EXAMPLE _ EXISTING RESIDENTIAL AREA MÜHLENVIERTEL



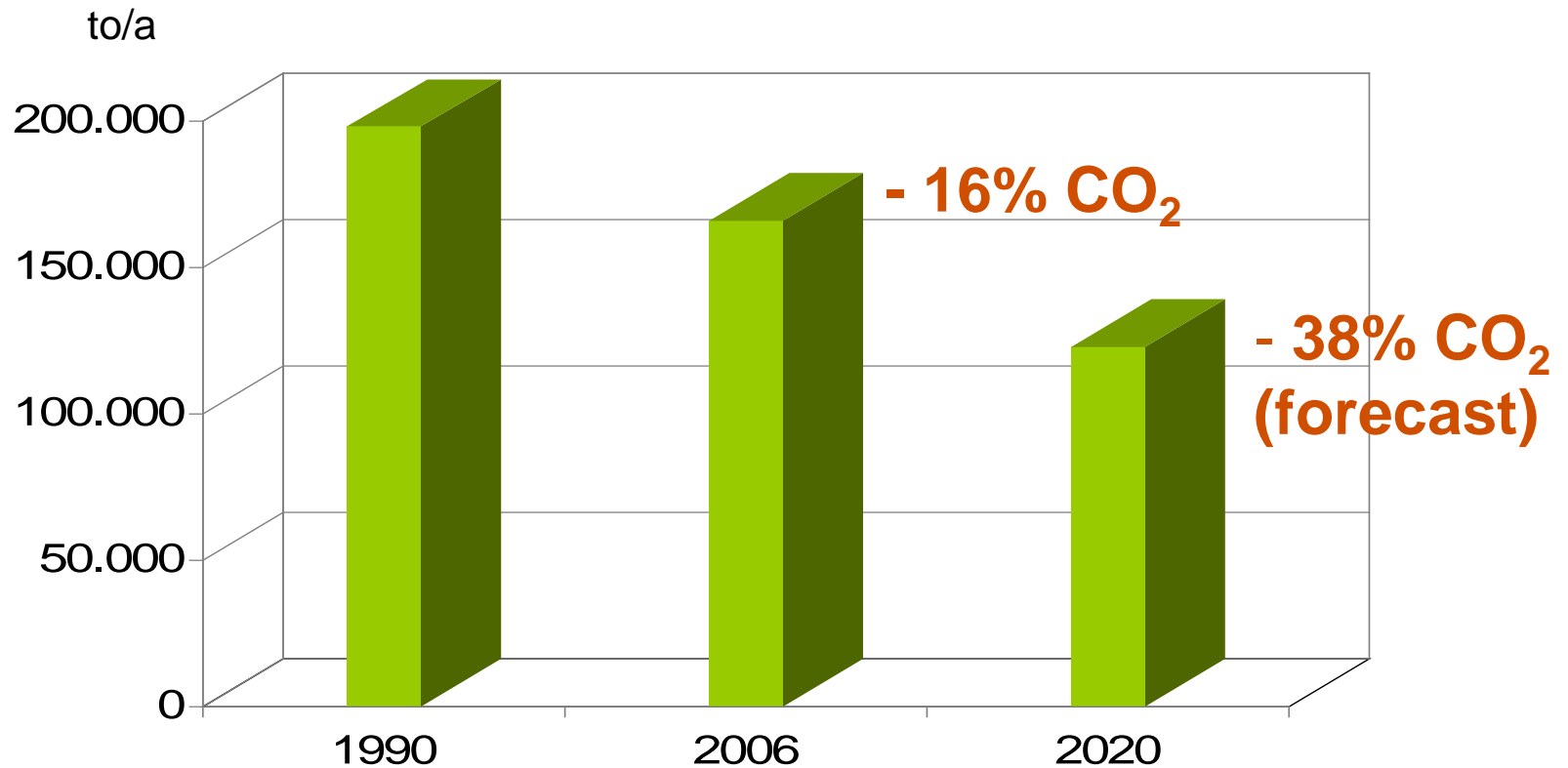
THE PROVE

THE CARBON DIOXIDE (CO₂) TREND OF HERTEN FOR HEATING



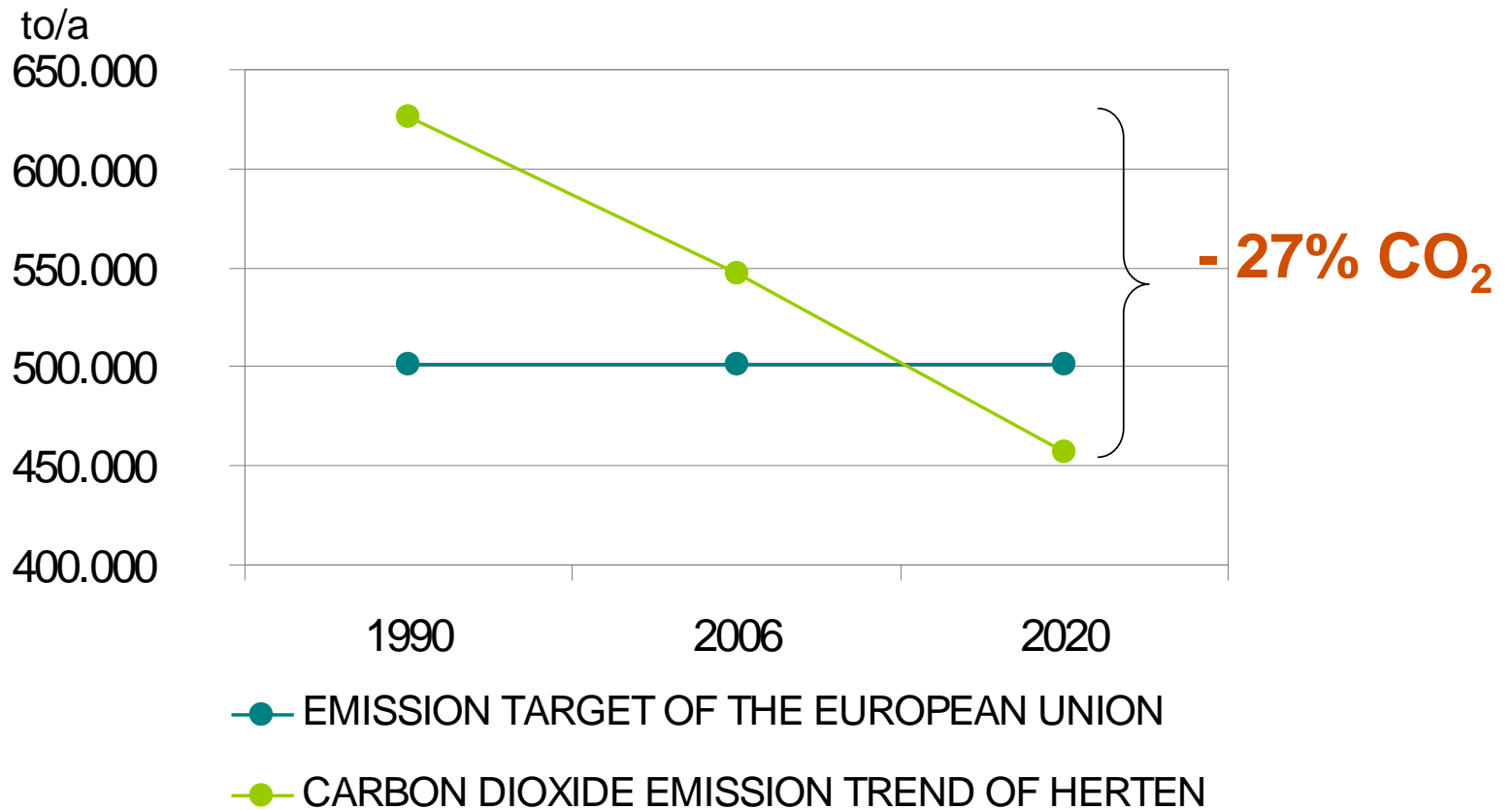
THE PROVE

THE CARBON DIOXIDE (CO₂) TREND OF HERTEN FOR HEATING



THE PROVE

THE CARBON DIOXIDE (CO₂) TREND OF HERTEN (all sectors)



FINAL STATEMENT

DISTRICT ENERGY: BACKBONE OF SUSTAINABLE CITIES

THE CLIMATE CHANGE CAN NOT BE STOPPED BY
INDIVIDUALS

SUSTAINABLE URBAN DEVELOPMENT NEEDS SYSTEMIC
SOLUTIONS

DISTRICT ENERGY IS A SYSTEMIC SOLUTION

PART OF OUR STRATEGY IN THE FUTURE

THE CLIMATE CONCEPT 2020 OF HERTEN

SPEAKER BERND TENBERG



MUNICIPALITY OF HERTEN
HERTENER STADTWERKE GMBH

SUPPORTED BY
JUNG STADTKONZEPTE, COLOGNE

