

Virtuelle Stadtmodelle

Abschluss-Workshop Digitale Energieplanung DIM4Energy

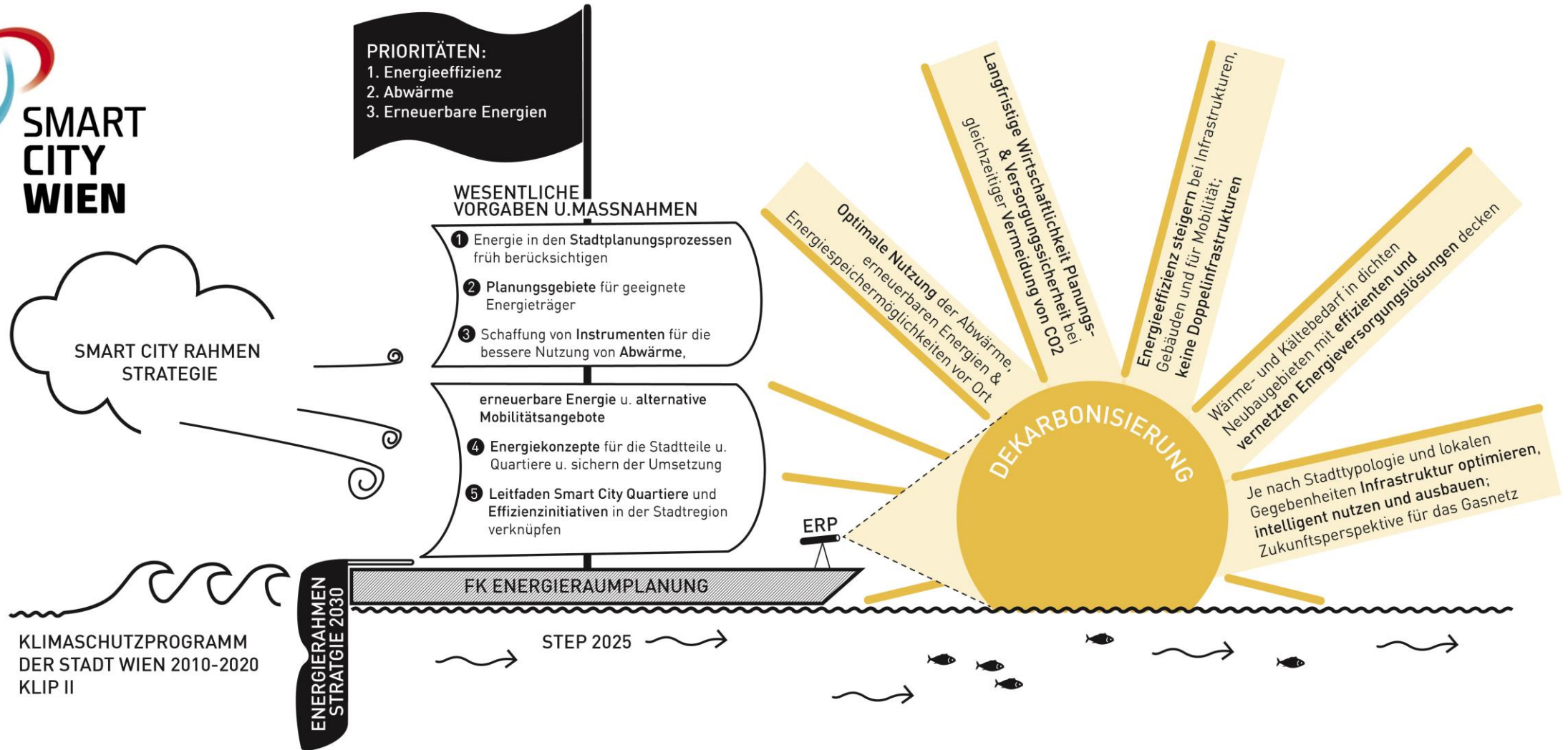
**Stadt
Wien**

Energieplanung

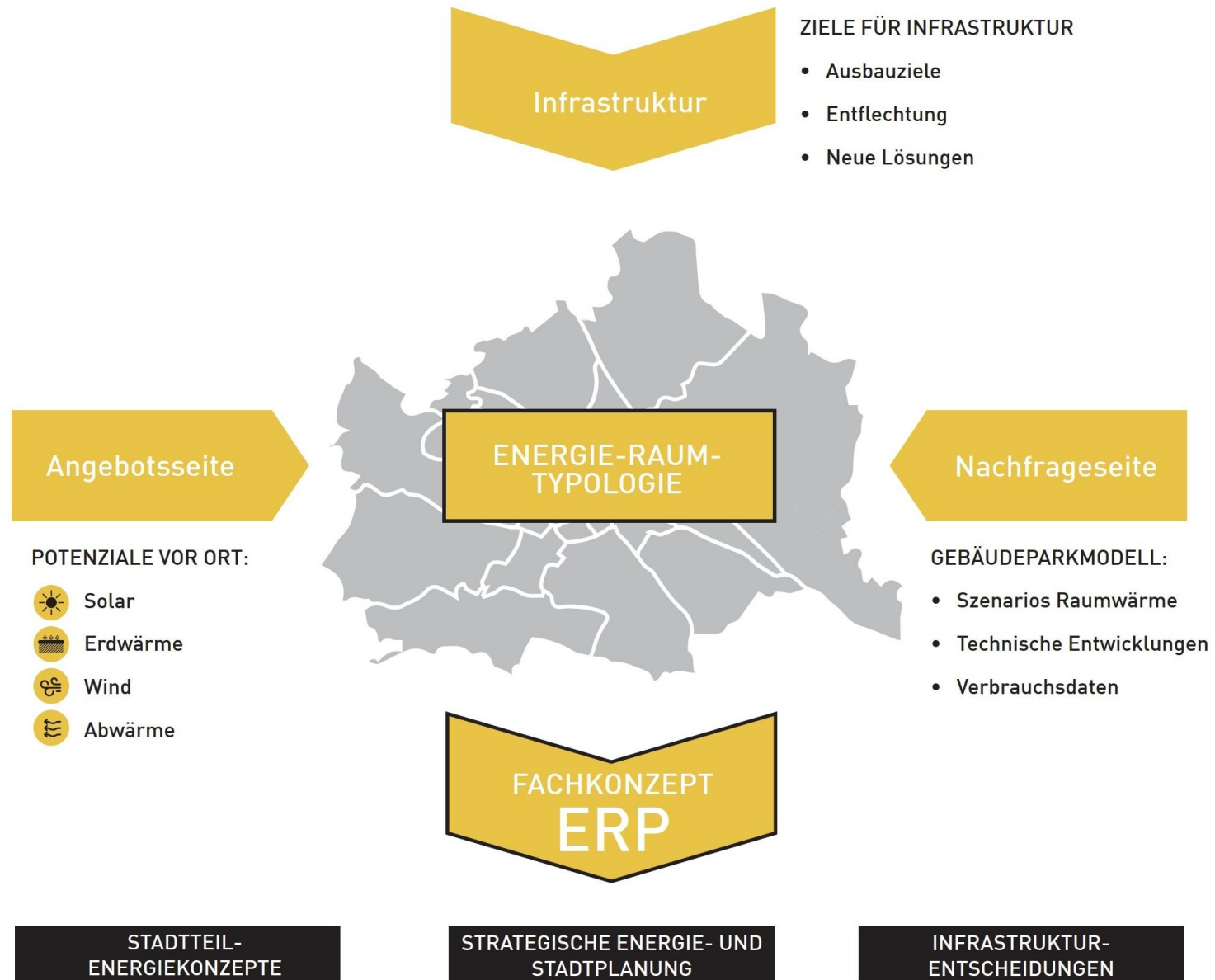




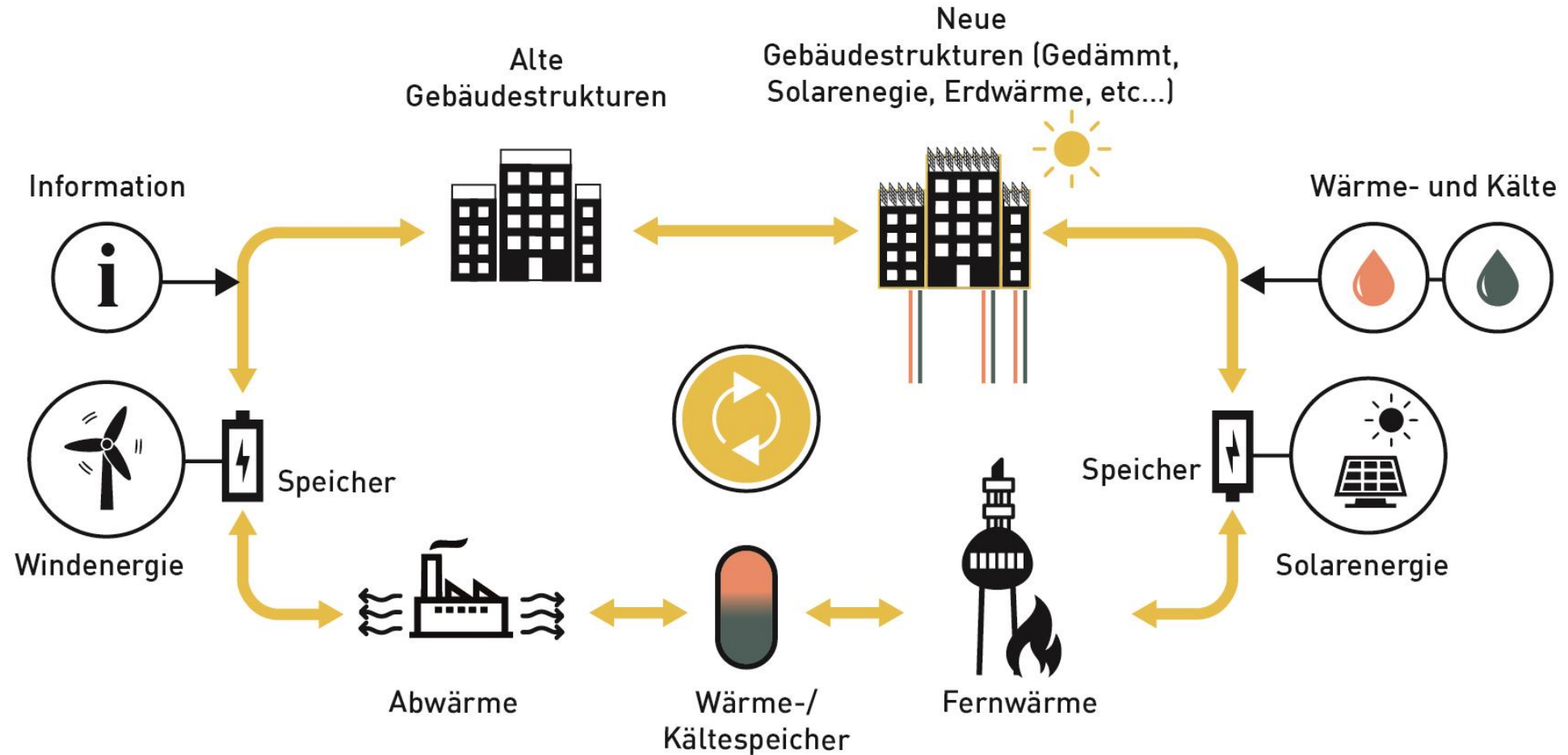
SMART CITY WIEN



Analyseansatz der Energieraumplanung in Wien



Zukunft - Vernetzte Lösungen



WÄRMEVERSORGUNG DER ZUKUNFT
-effizient, erneuerbar und vernetzt

Energiesystem

Wechselbeziehungen zwischen Stadt und Land

Grünes Gas

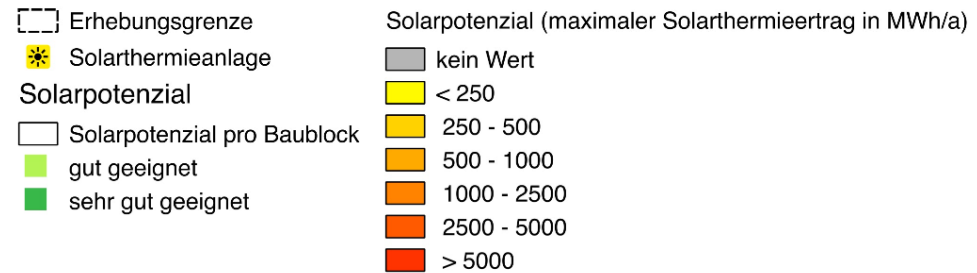
Grüner Strom

STADT UND LAND

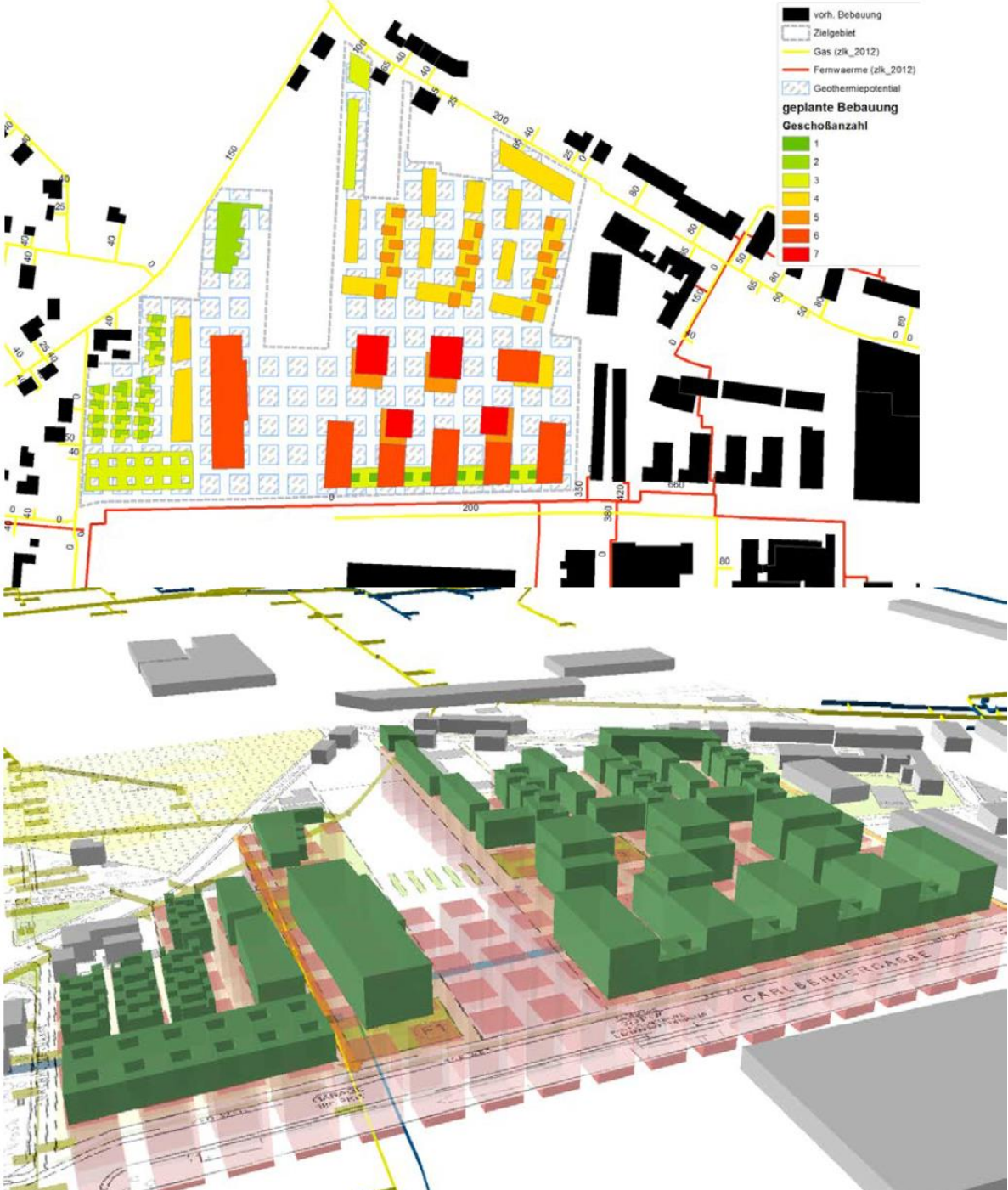
Speicher(massen)

Vor-Ort-Potenziale

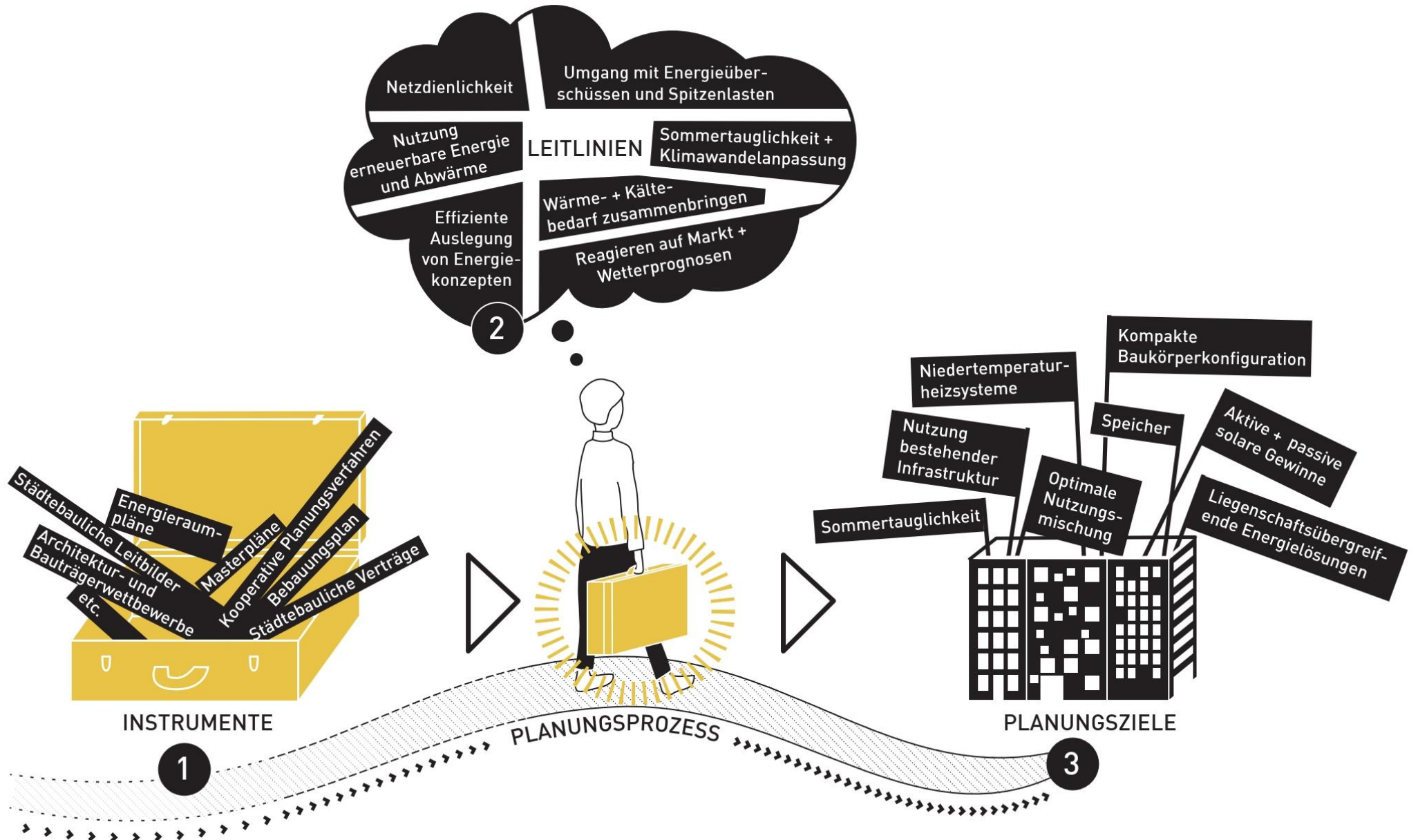
Solarpotenzial



Energiekonzepte

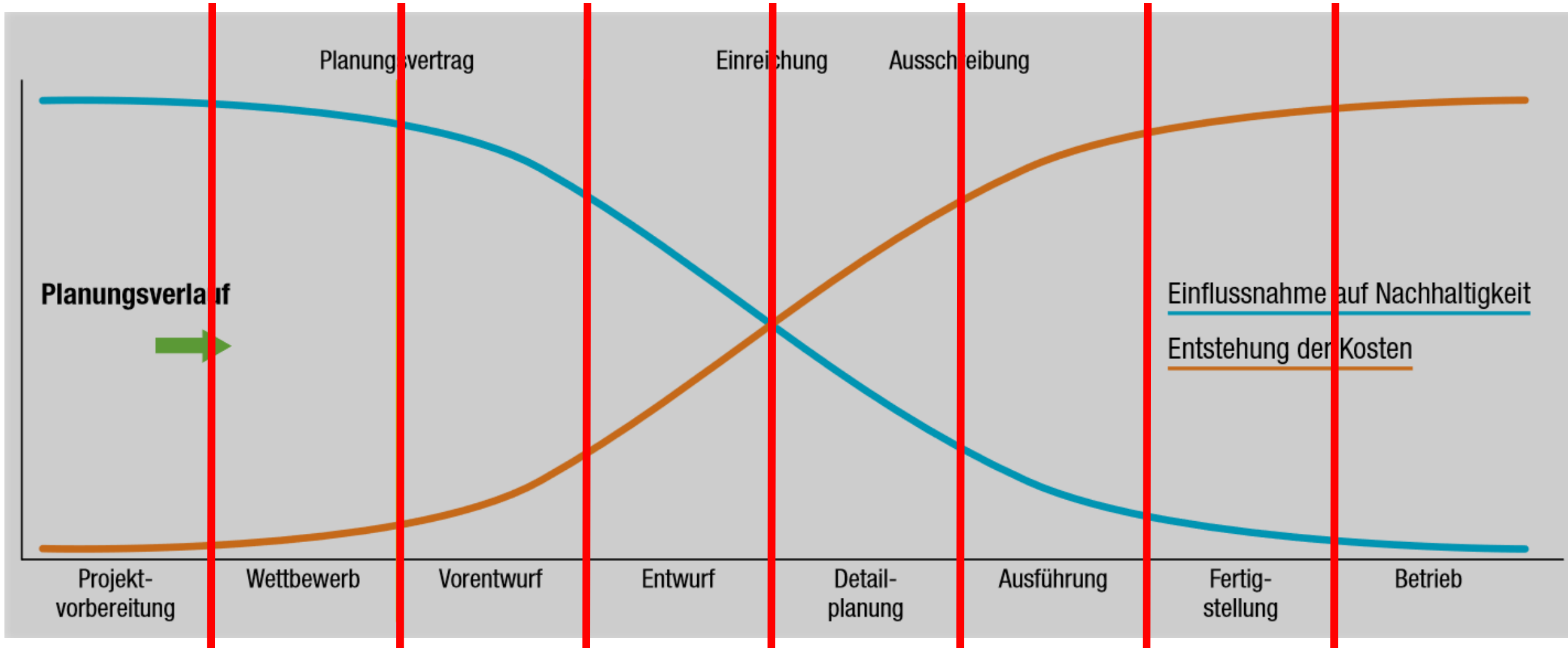


Integration von Energiethemen in städtebauliche Planungsprozesse

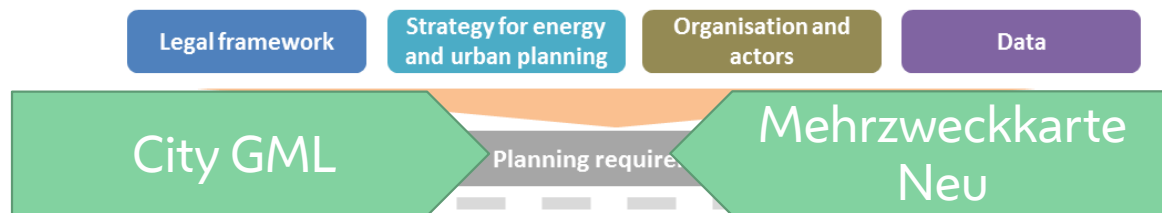


Planungsprozess

Bauplanung



Planungsprozess Stadtplanung



Preparatory planning phase
(exploration, scoping)

First analysis

first assessments,
basic data, pre-checks

Policy

vision and agreements

Feasibility and master
planning phase

Feasibility studies

feasibility of different
themes like mobility

Ziel: „Digitaler Zwilling“!!!

Formal planning phase
(zoning)

Zoning

Land Use Plan, Urban design
agreements

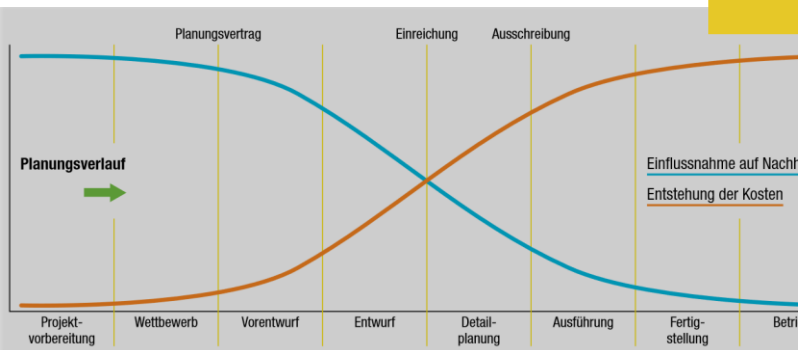
adaptations

Zoning

Land Use Plan, Zoning plan,
Building Regulation Plan;
formal steps defined by law

approval by City Council

Public participation



BIM

Digitale Baueinreichung

Design

final design of buildings and
public/green spaces,
adaptations, competition

Permits

Building Permit,
Environmental Permit, ...
according to law

Operational phase

Quality

Monitoring



Danke für ihre Aufmerksamkeit

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