

Stakeholder-Bedürfnisse in Bezug auf Energiespeicherlösungen für umweltbewusste Städte und Gemeinden aus Sicht der Nutzer*innen

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Nutzer*innenzentrierte smarte Energiesysteme unterstützen den European Green Deal

End-Nutzer*innen sollen...

...selbst Energie produzieren, lokal speichern und zu Spitzenlastzeiten nutzen

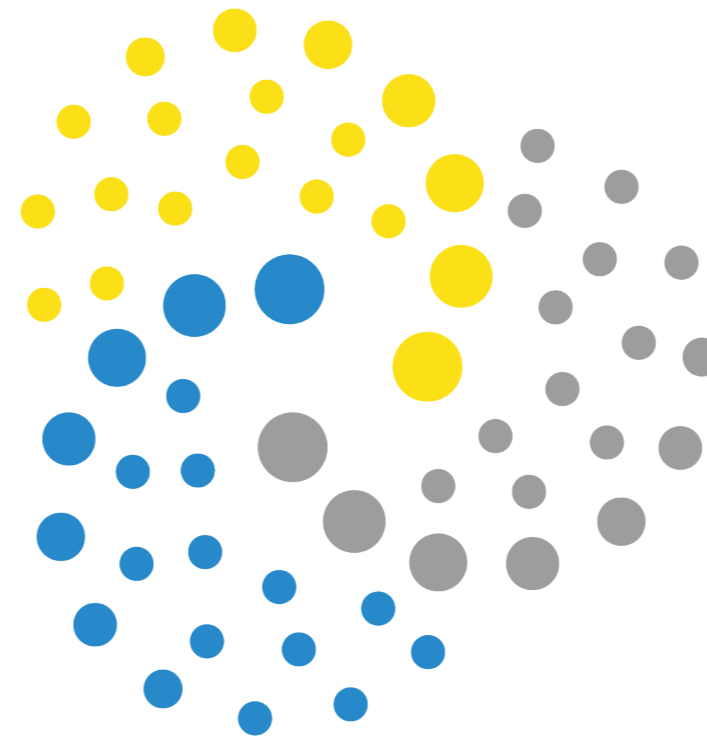
...überschüssige Energie verkaufen

...smarte Geräte nutzen

...Energieverbrauch reduzieren bzw. verschieben

...sich aktiv in Energy Communities ins Thema einbringen





I-GRETA

Intelligent FIWARE-based generic energy storage services for environmentally responsible communities and cities.



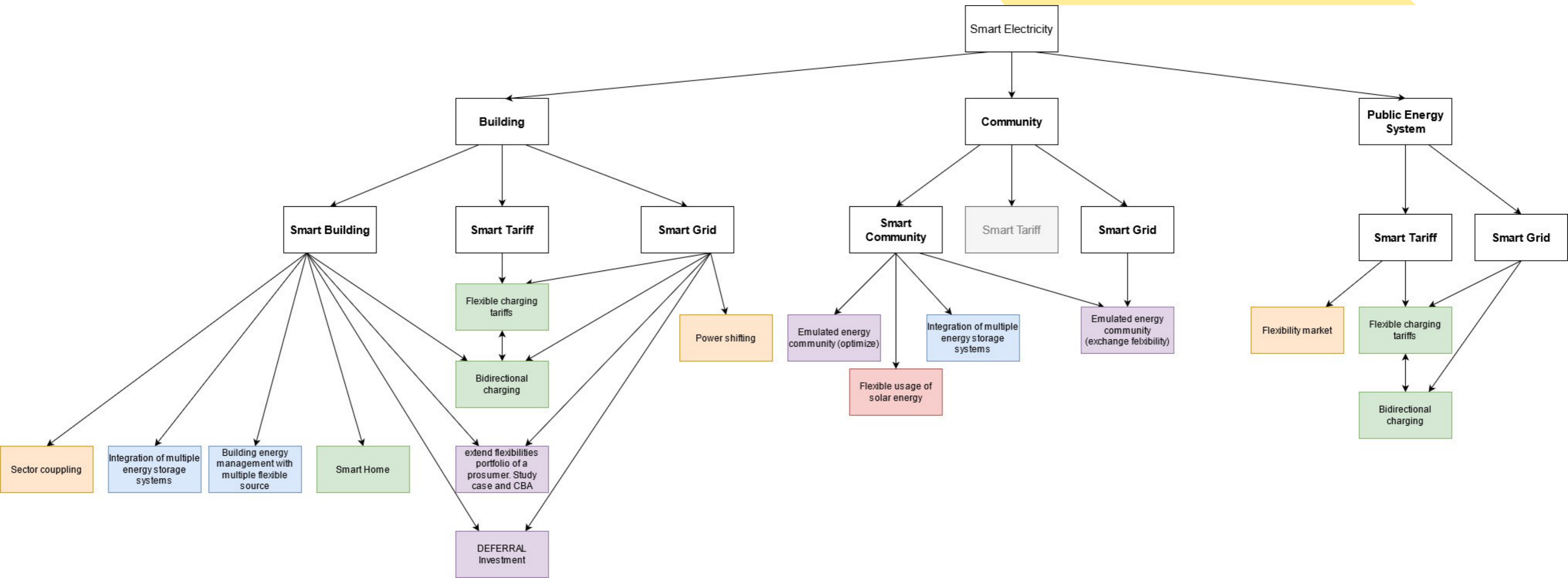
dwh
technical solutions
simulation services

Mercedes-Benz Energy



ÖREBROPORTEN







I-GReta use case Szenarien

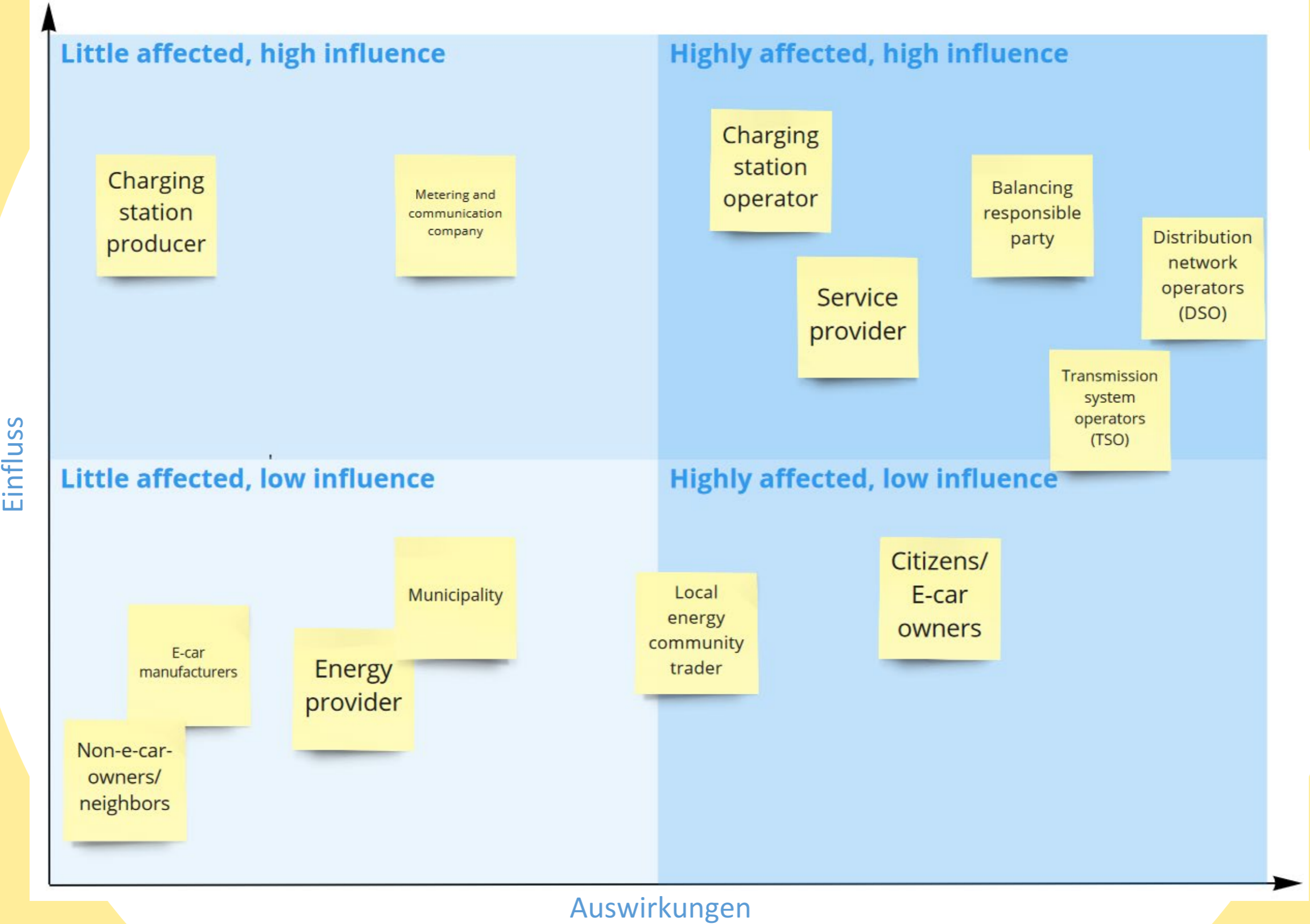
(1) Flexible and bidirectional charging of e-cars
(AT)

(2) Making energy flows visible (AT/SWE)

(3) End-user interaction with energy
management systems (SWE)

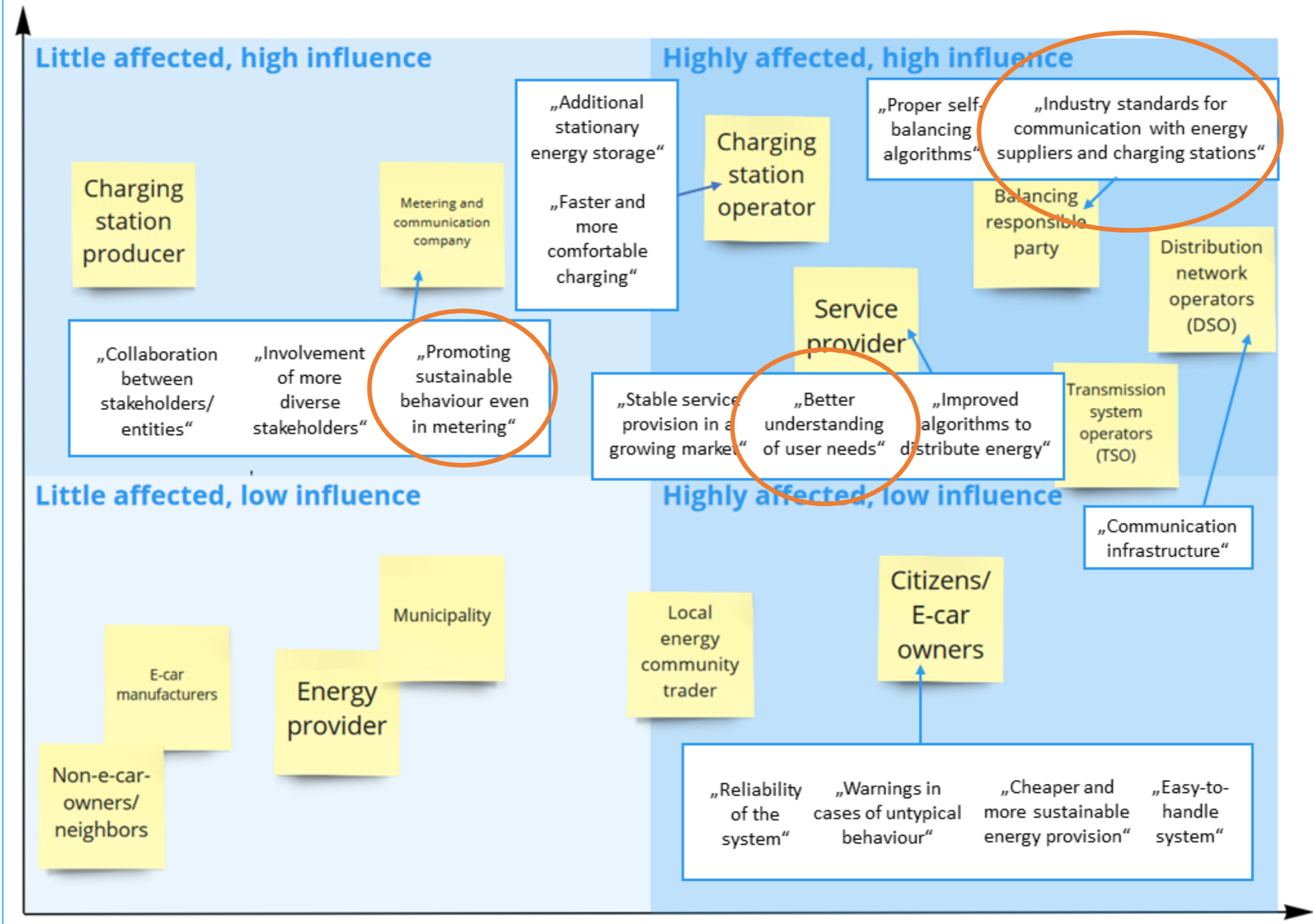
(4) Energy community investment planning (RO)

Szenario 1: Flexible and bidirectional charging of e-cars

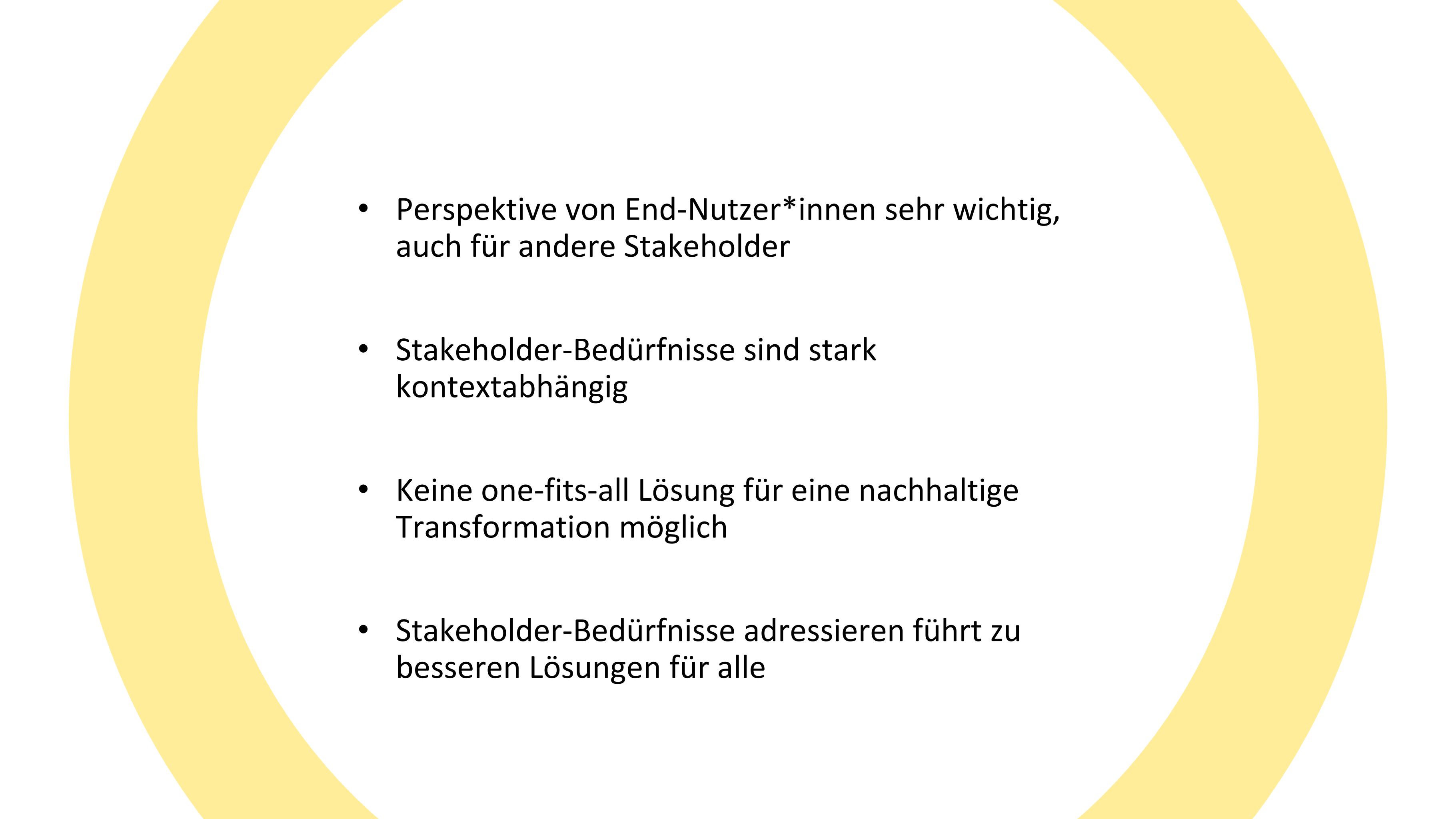


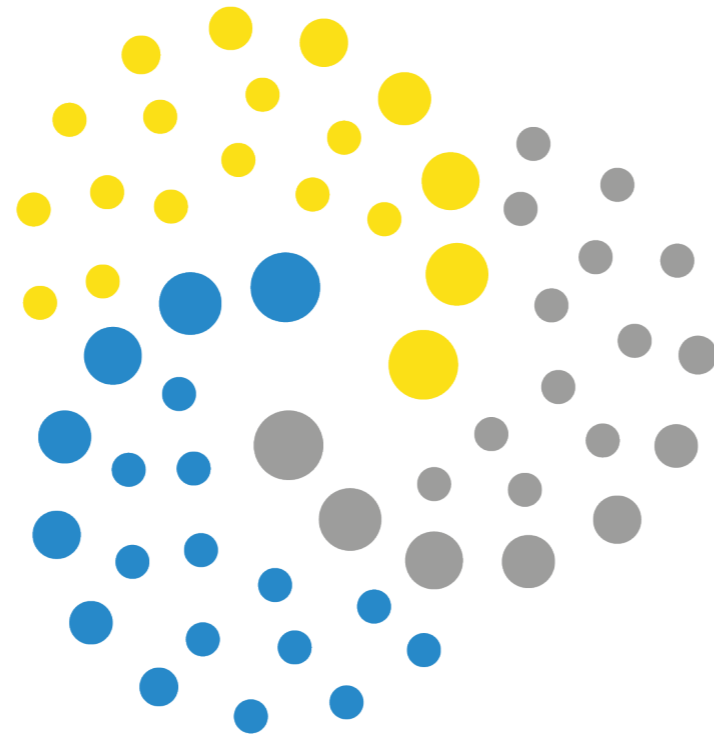
Scenario	1: E-cars	2: Facility management	3: Smart living	4: Energy community
Stakeholder	Citizens/e-car owners	Occupants	End users	LEC trader/private dispatcher
	Balancing responsible party	Facility manager	Network operator	Local government
	TSO/DSO	Network operators	Manufacturer of smart appliances	Energy regulatory agency
	Charging station operator	Organisation lead (e.g. university)	Service provider	Renewable energy market
	Metering and communication company	Property owner	Energy management system provider	
	Service provider			
Less relevant stakeholder	Non-e-car-owners/ neighbours	(New) energy service provider	Facility manager	End users
	Charging station producer	Energy supplier	Forecast provider	Neighbours
	E-car manufacturer	Standardisation/ regulation	Energy provider	General public
	Energy provider	Local municipality	Third party companies	Energy utility
	Local energy community trader		Building owner	Energy producer
	Municipality			Local energy agency
				Government/ parliament
				Building industry
				University/property owner
				Architects/designers

Szenario 1: Flexible and bidirectional charging of e-cars



Scenario	1: F-cars	2: Facility management	3: Smart living	4: Energy community
Stakeholder	Citizens/e-car owners	Occupants	End users	LEC trader/private dispatcher
	Balancing responsible party	Facility manager	Network operator	Local government
	TSO/DSO	Network operators	Manufacturer of smart appliances	Energy regulatory agency
	Charging station operator	Organisation lead (e.g. university)	Service provider	Renewable energy market
	Metering and communication company	Property owner	Energy management system provider	
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				University/property owner
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- Perspektive von End-Nutzer*innen sehr wichtig, auch für andere Stakeholder
 - Stakeholder-Bedürfnisse sind stark kontextabhängig
 - Keine one-fits-all Lösung für eine nachhaltige Transformation möglich
 - Stakeholder-Bedürfnisse adressieren führt zu besseren Lösungen für alle



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responsible communities and cities.

Further information on I-GReta:

<https://www.i-greta.eu/>

D1.1 Report in the needs of the various
need owners

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tomorrow

