

Sustainable Urban Mobility 4 all

Sustainability Management Strategy

Dipl.Ing. Rebeca Ramirez &
Emmanuelle St-Pierre-Wittwer,
On the 18.02.2021



Agenda



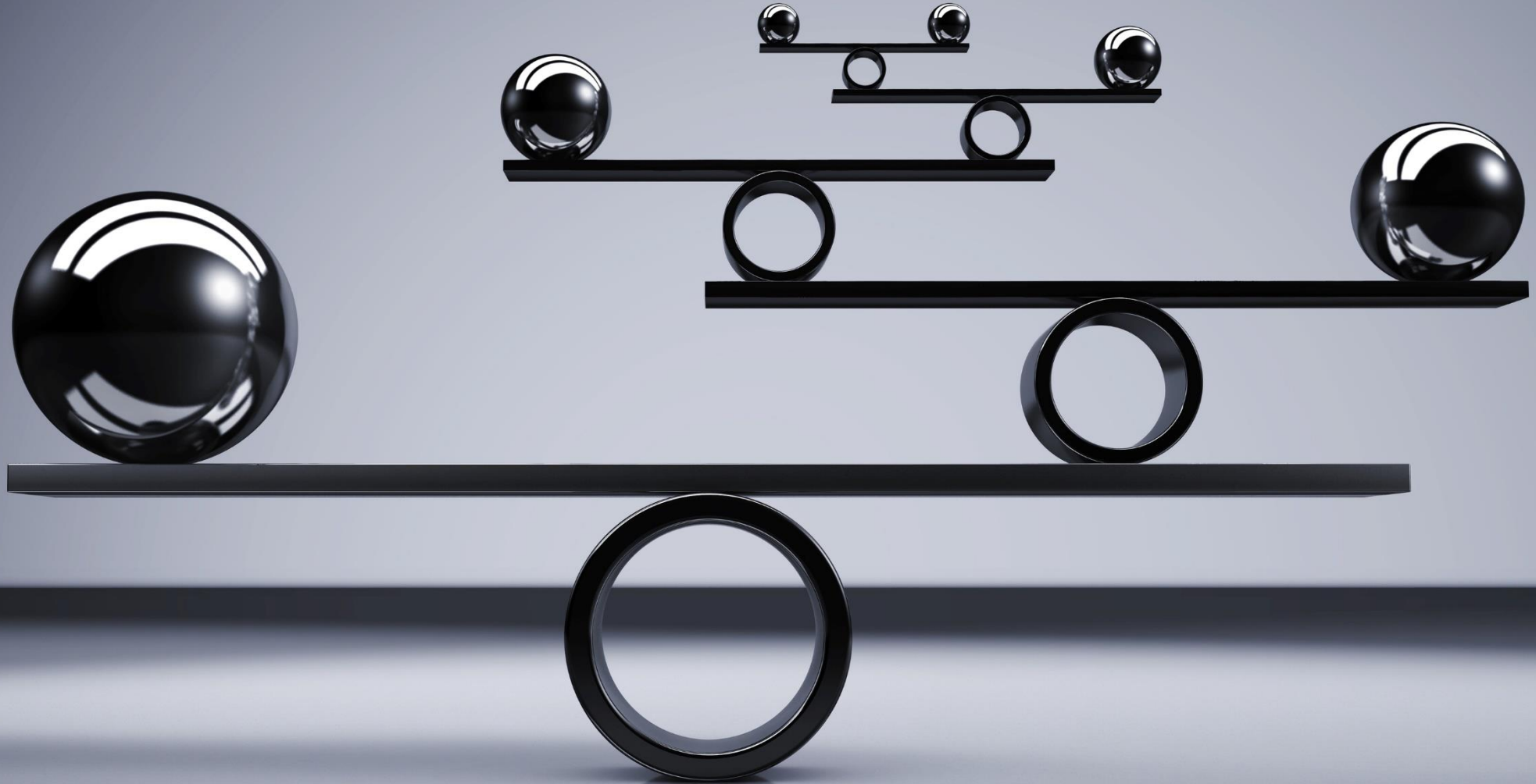
SUM4all. More than a consultancy company.



Our sustainability management concept



Sustainability through a Mobility-a-service Marketplace



“The whole is more than the sum of it's parts“

- Aristoteles

Sustainable Urban Mobility for all (SUM4all) - More than a consultancy company.

Stakeholders Integration



> We engage all stakeholders from the transportation sector to create new business opportunities while reducing social and environmental impact!

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Our Services



Social



**Social impact of a
new mobility
strategy → room for
discussion
Creating Synergies
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Our Services

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Environmental



**We measure the
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IT Services



**Collecting data
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SUM Advisory



Tailored solutions for our stakeholders.

We create attractive business opportunities to for our stakeholders



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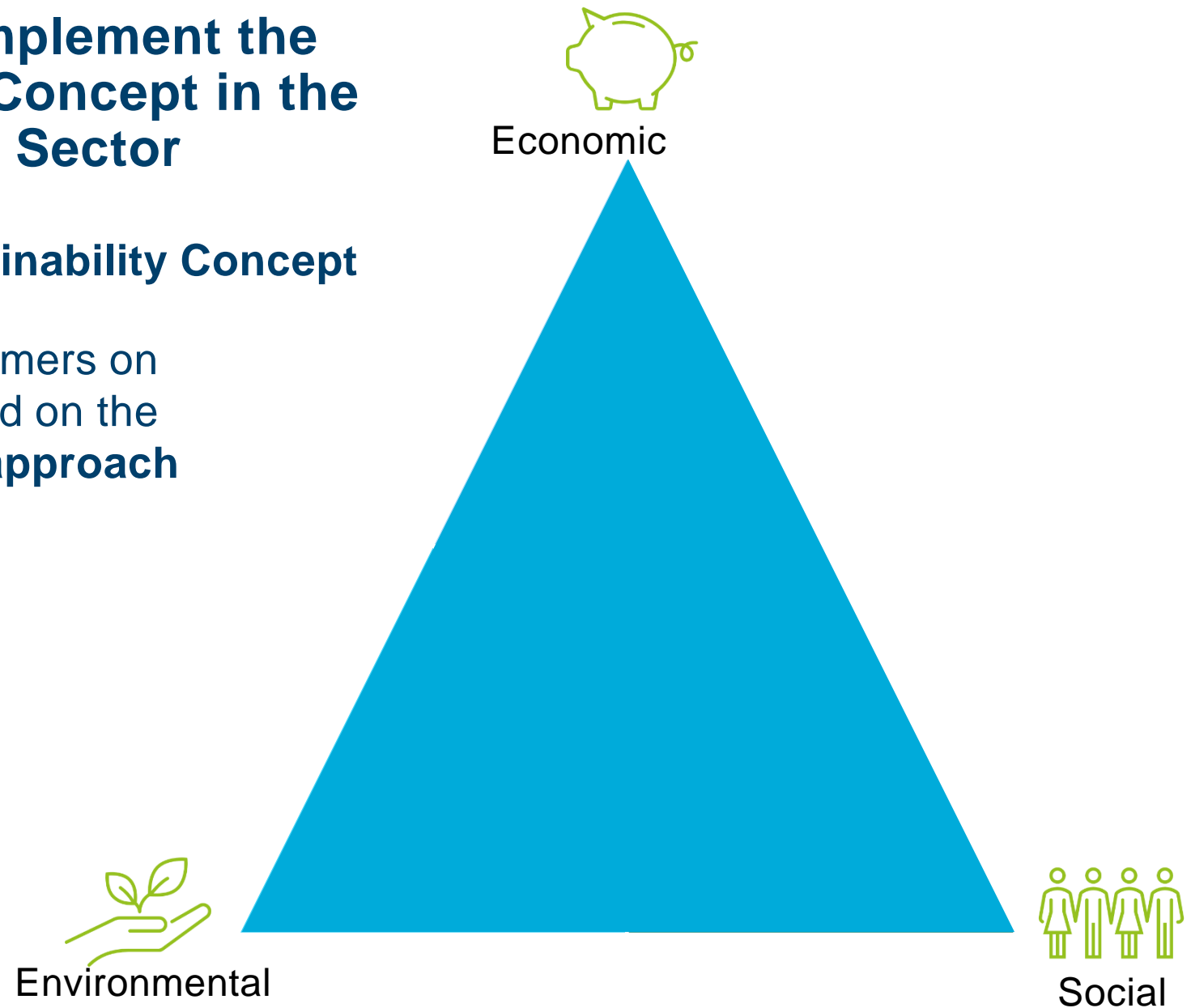
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How do we implement the Sustainability Concept in the Mobility Sector

Our Corporate Sustainability Concept

- We advice our customers on measurements based on the **Triple bottom line approach**

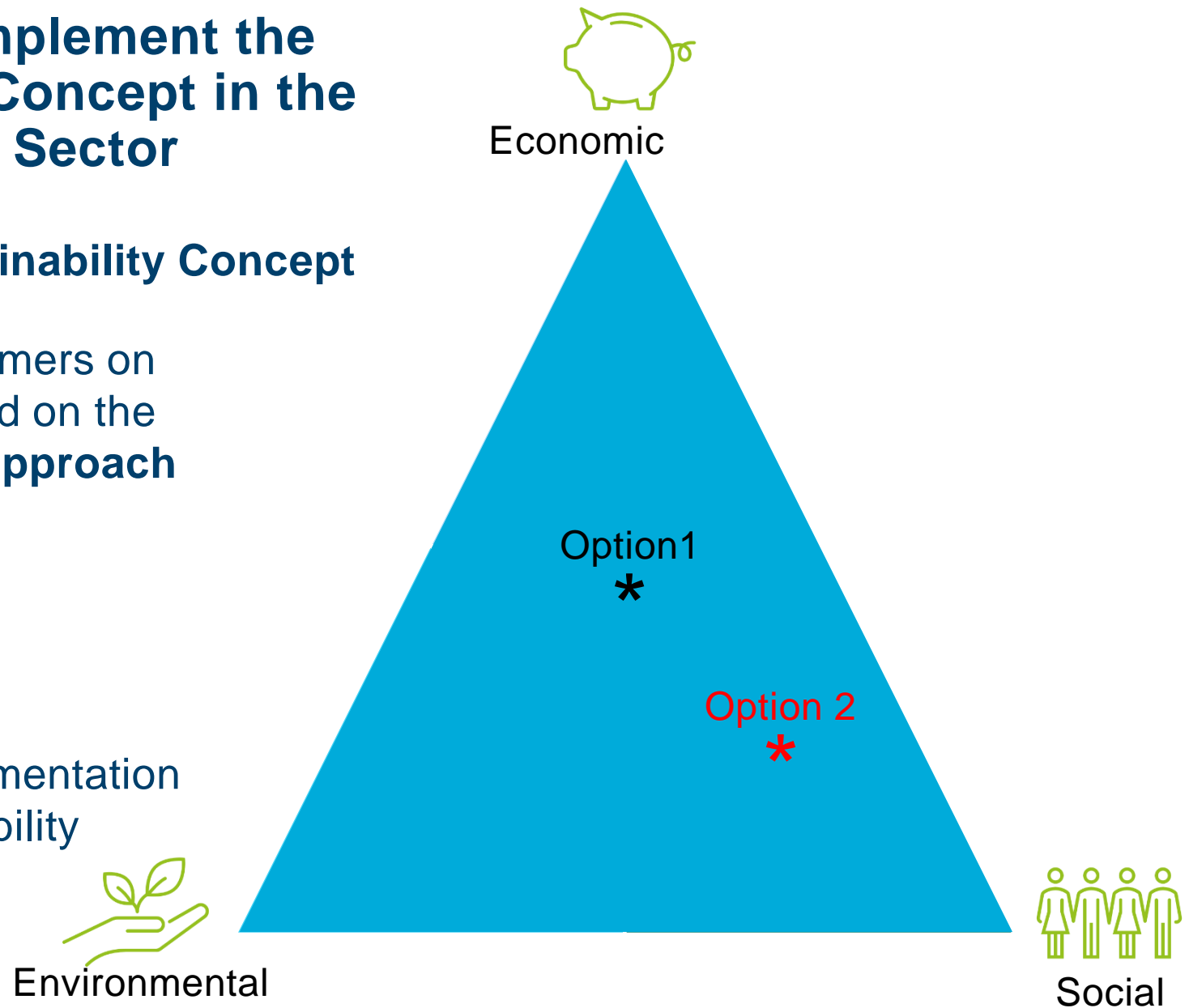


(Dyllick, 2002)

How do we implement the Sustainability Concept in the Mobility Sector

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- We advice our customers on measurements based on the **Triple bottom line approach**
- Advice on the Implementation of tailored Sustainability Strategies.



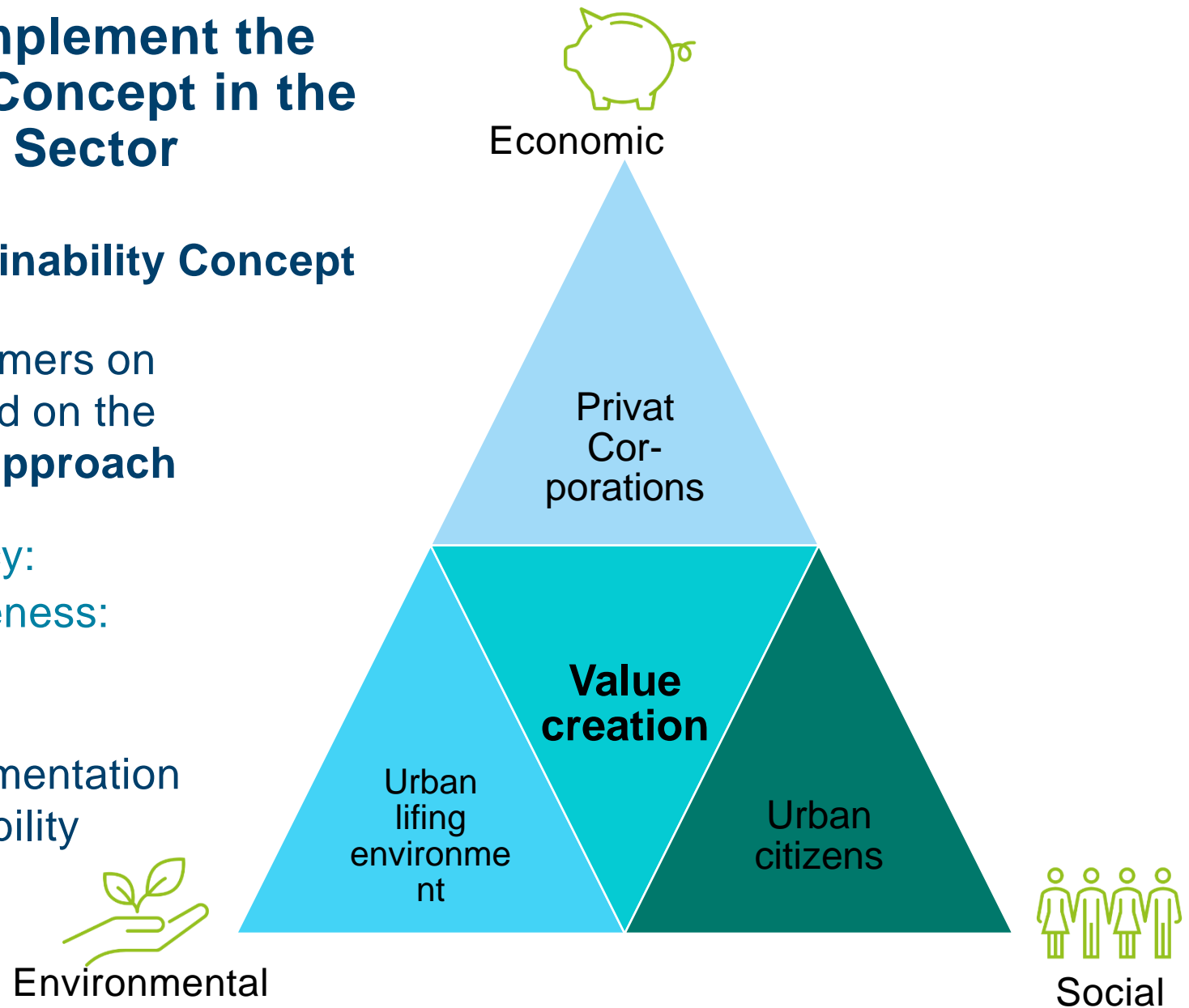
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- Eco Efficiency:
- Eco Effectiveness:
- Sufficiency

- Advice on the Implementation of tailored Sustainability Strategies.



With SUM4all Services could we actually help to achieved the Sustainable Goals?

- ISO 9001:2015 – PDCA Cycle
- THE POSITIVE MODEL
 - What are we doing right and how can we improve it?
 - What would be our new Vision and Mission?



(Cummings and Worley, 2008)



What are the environmental benefits to mobility-as-a-service?



Reduces vehicle
ownership



Supports
modal shift



Reduces vehicle
miles travelled




Improves urban
living environment

(Martin & Shaheen, 2016)

Vision

Potentiate existing infrastructure through mobility-as-a-service solutions and assess the environmental and social impact





● Potentiate existing infrastructure through mobility-as-a-service solutions and assess the environmental and social impact

Create high level of social acceptancy while taking account of environmental aspects

Consultation and Cooperation with all mobility stakeholders



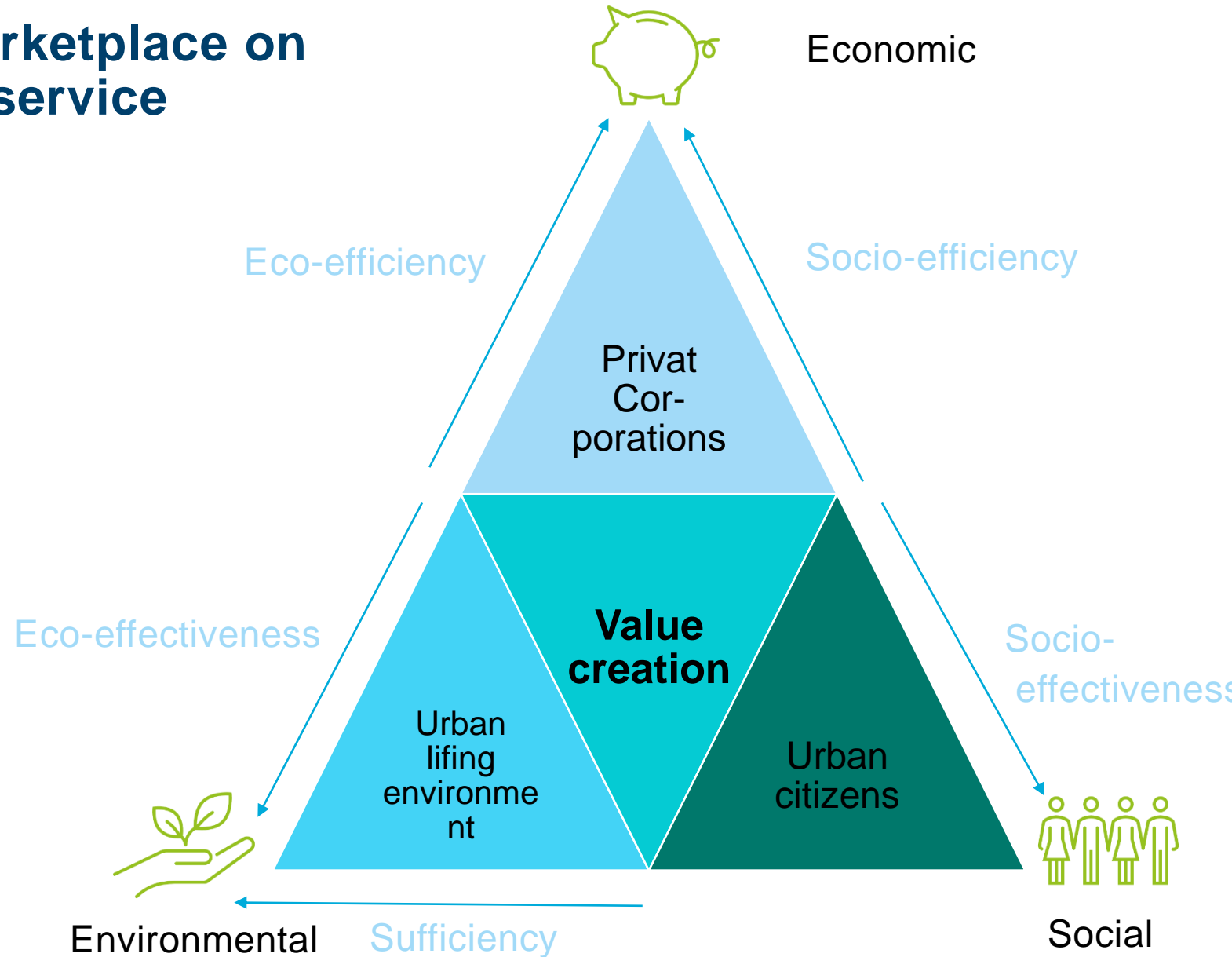
Potentiate existing infrastructure through mobility-as-a-service solutions and asses the environmental and social impact

Participating in marketplace for mobility-as-a-service

Create high level of social acceptancy while taking account of environmental aspects

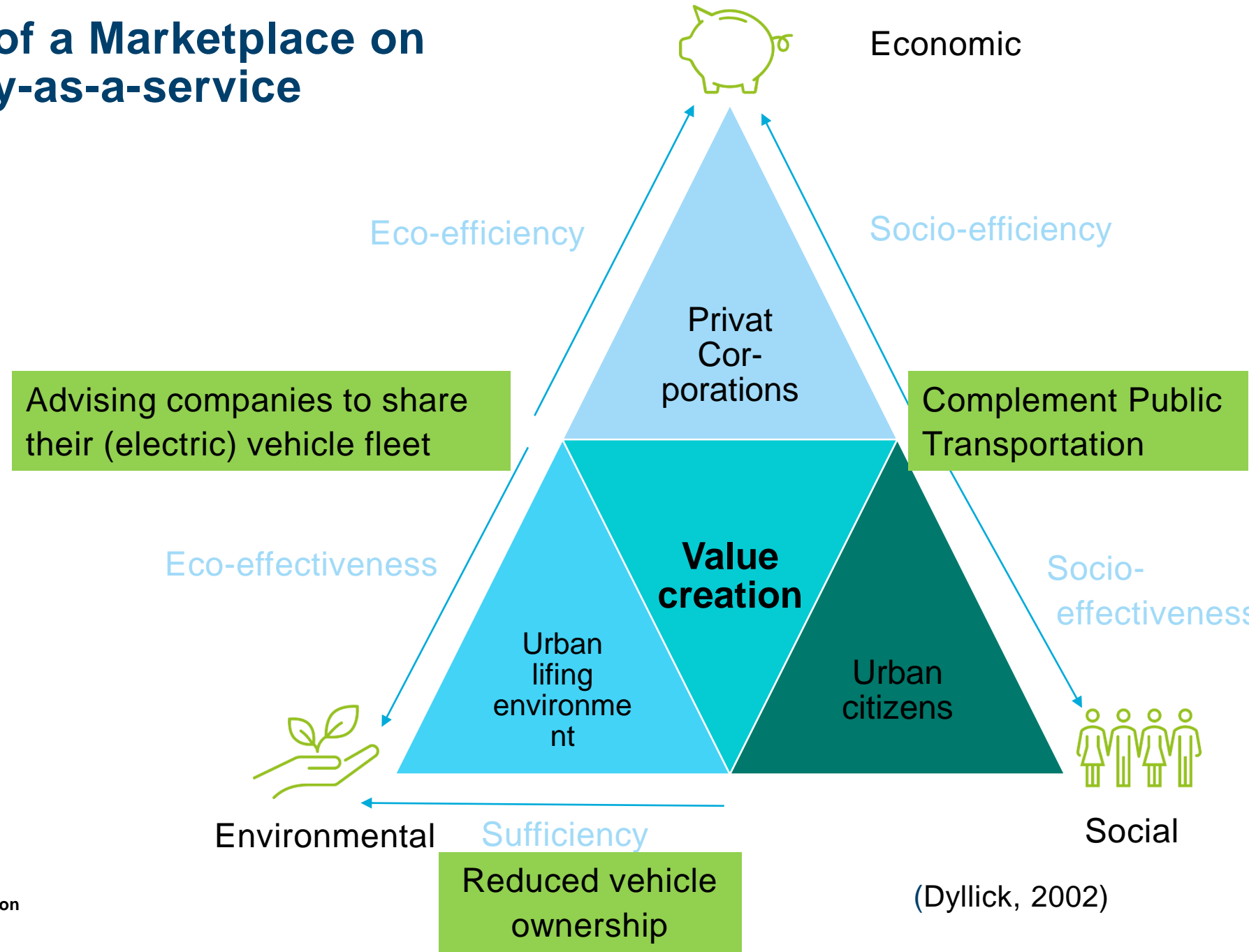
Consultation and Cooperation with all mobility stakeholders

The benefit of a Marketplace on Mobility-as-a-service



(Dyllick, 2002)

The benefit of a Marketplace on Mobility-as-a-service



How are we going to get towards a Marketplace for Mobility-as-a-service solutions?



Public-Privat
Partnership



Synergies



Building a
Network

How to we implement the new strategy of a marketplace for Mobility-as-a-service?

- No further Investment needed
- Work on new agreements with our partnerships
- Stablish better relationship with our current stakeholders to achieve regional impacts
- Support our stakeholders to transition towards the business model of mobility-as-a-service





Time for your questions !

Discussion questions

How willing are you to become a member of a sharing a car platform?



Discussion questions

Will you be willing to share your own car and thereby generate additional income from it?



Discussion questions

As a company, would you want to rent out your fleet to your employees?



How do you think we should implement Synergies between our Stakeholders?

Bibliography [1/3]

- Cummings, T. G., Worley, C. G. (2008). Organizational Development & Change. 9th Edition. South-Western; Cengage Learning. Mason. Retrieved from: www.mcs.gov.kh/wp-content/uploads/2017/07/Organization_Development-and-Change.pdf. Accessed on 08-02-2021.
- Dyllick T.; Hockerts K.; BEYOND THE BUSINESS CASE FOR CORPORATE SUSTAINABILITY; Business Strategy and the Environment; Bus. Strat. Env. 11, 130–141 (2002); Published online in Wiley InterScience (www.interscience.wiley.com). DOI: 10.1002/bse.323
- Engert S., Rupert J. Baumgartner; Corporate sustainability strategy bridging the gap between formulation and implementation; Institute of Systems Sciences, Innovation and Sustainability Research, University of Graz, Merangasse 18/1, 8010 Graz, Austria

Bibliography [2/3]

- Freeman, R. E., Harrison, J. S., Wicks, A. C., Parmar, B. L., & de Colle, S. (2010). Stakeholder theory: The state of the art. New York, NY: Cambridge University Press.
- Hörisch, J., Freeman, R. E. and Schaltegger, S. (2014). Applying stakeholder theory in sustainability management. *Organization & Environment*, 27(4):328–346.
- John P. Kotter; *Leading Change: Why Transformation Efforts Fail*; Harvard Business Review.
- Martin, E., & Shaheen, S. (2016). *The Impacts of Car2go on Vehicle Ownership, Modal Shift, Vehicle Miles Traveled, and Greenhouse Gas Emissions: An Analysis on Five North American Cities*. Berkley: Transportation Sustainability Research Center.
- Olsson Neve T.; *Eight Steps to Sustainable Organizational Learning. How to Tackle Search and Transfer Barriers*; Springer.

Bibliography [3/3]

- Siebenhüner B.; Arnold M.; Organizational Learning to Manage Sustainable Development; Business Strategy and the Environment; Bus. Strat. Env. 16, 339–353 (2007); Published online in Wiley InterScience (www.interscience.wiley.com); DOI: 10.1002/bse.579

Thank you