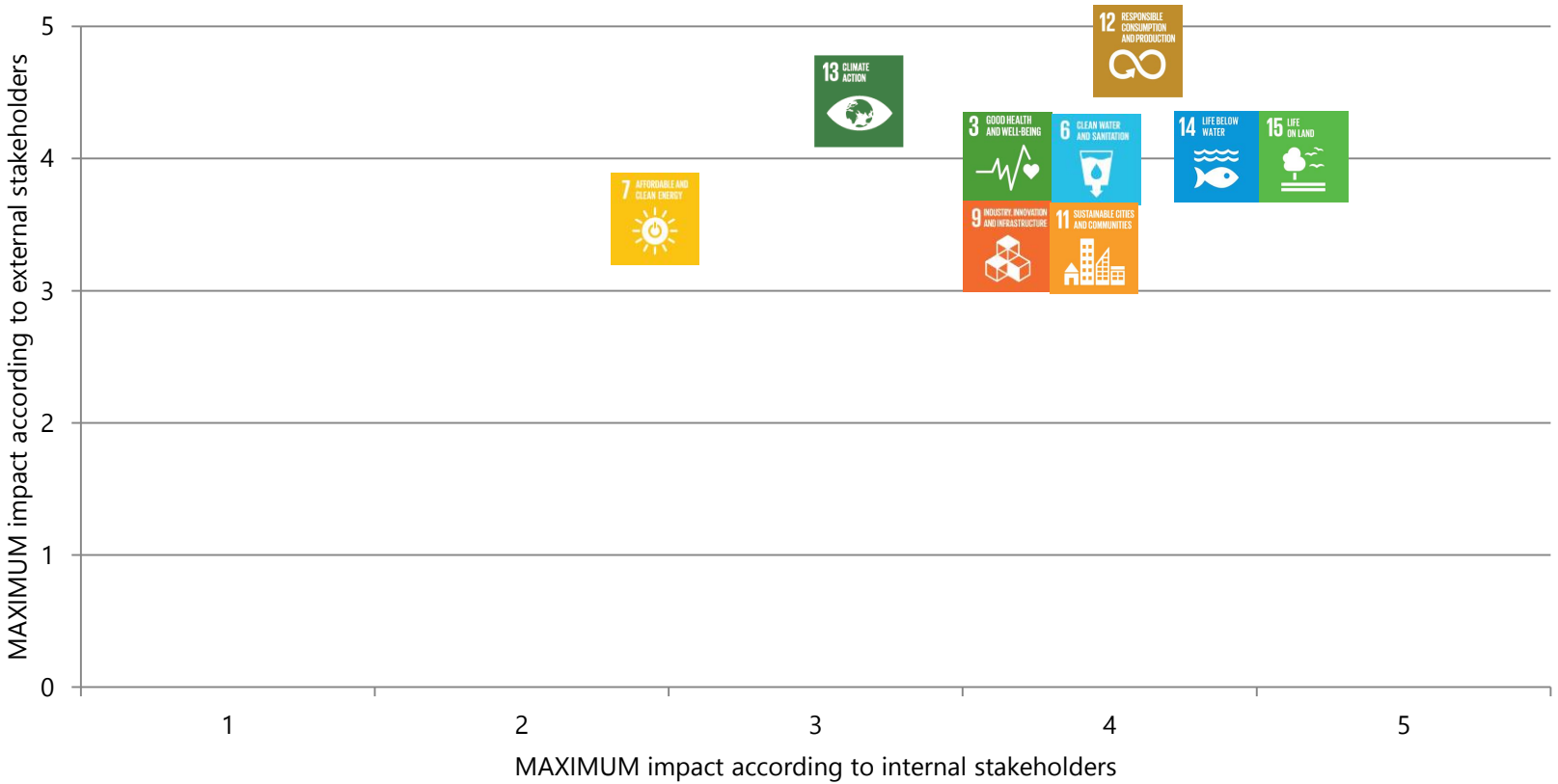


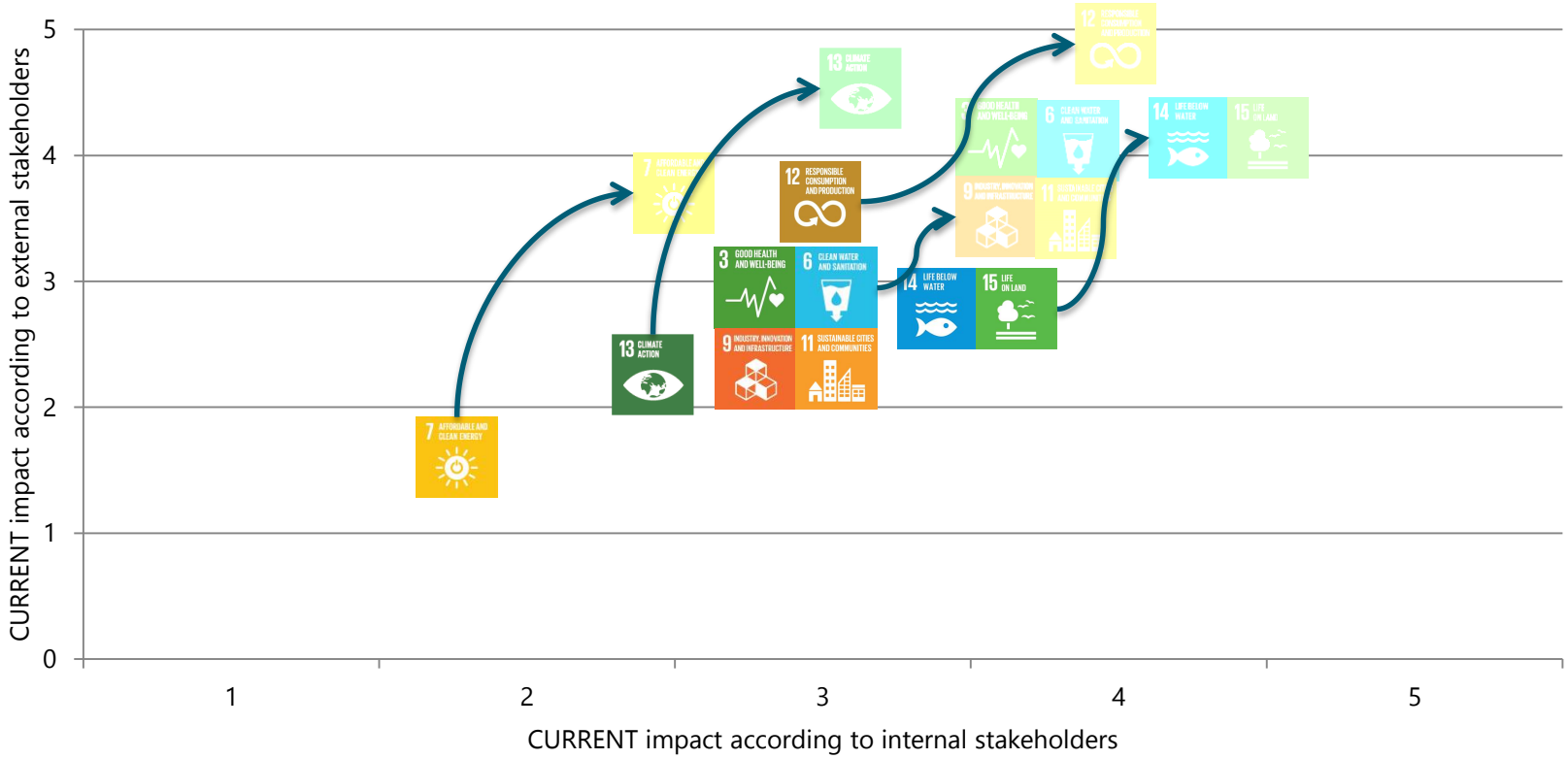
Engineering the SDG

Jaap de Koning

10 May 2019


SUSTAINABLE DEVELOPMENT GOALS
1 NO POVERTY
2 ZERO HUNGER
3 GOOD HEALTH AND WELL-BEING
4 QUALITY EDUCATION
5 GENDER EQUALITY
6 CLEAN WATER AND SANITATION
7 AFFORDABLE AND CLEAN ENERGY
8 DECENT WORK AND ECONOMIC GROWTH
9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
10 REDUCED INEQUALITIES
11 SUSTAINABLE CITIES AND COMMUNITIES
12 RESPONSIBLE CONSUMPTION AND PRODUCTION
13 CLIMATE ACTION
14 LIFE BELOW WATER
15 LIFE ON LAND
16 PEACE, JUSTICE AND STRONG INSTITUTIONS
17 PARTNERSHIPS FOR THE GOALS
SUSTAINABLE DEVELOPMENT GOALS


MAXIMUM impact according to external stakeholders
0
1
2
3
4
5
MAXIMUM impact according to internal stakeholders
1
2
3
4
5
7 AFFORDABLE AND CLEAN ENERGY
13 CLIMATE ACTION
12 RESPONSIBLE CONSUMPTION AND PRODUCTION
3 GOOD HEALTH AND WELL-BEING
6 CLEAN WATER AND SANITATION
14 LIFE BELOW WATER
15 LIFE ON LAND
9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
11 SUSTAINABLE CITIES AND COMMUNITIES


CURRENT impact according to external stakeholders
CURRENT impact according to internal stakeholders
0
1
2
3
4
5
1
2
3
4
5

Witteveen + Bos

Sustainable design



Witteveen + Bos



Nature-based design



Flexible design



Circular design



Multi-functional design



Trias



Societal design



Participatory design




Nature-based
design


Flexible
design



Circular design



Multi-functional design



Trias



Societal design



Participatory design

Witteveen + Bos



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Circular design

Trias

Participatory design



3 GOOD HEALTH AND WELL-BEING

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

11 SUSTAINABLE CITIES AND COMMUNITIES

12 RESPONSIBLE CONSUMPTION AND PRODUCTION



Witteveen + Bos



Nature-based design

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3 GOOD HEALTH AND WELL-BEING


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8 DECENT WORK AND ECONOMIC GROWTH


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