

# Home 2050 mind map

Jos Lichtenberg  
december 2015

Homelab 2050



# Home 2050 mind map

home  
2050

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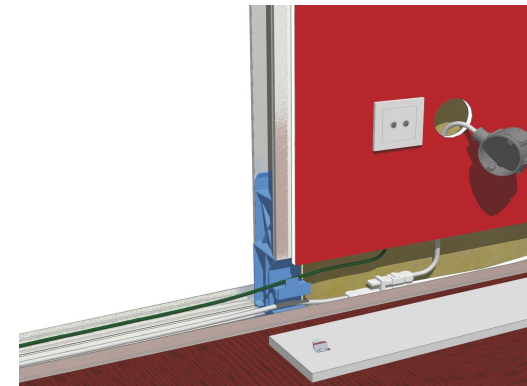
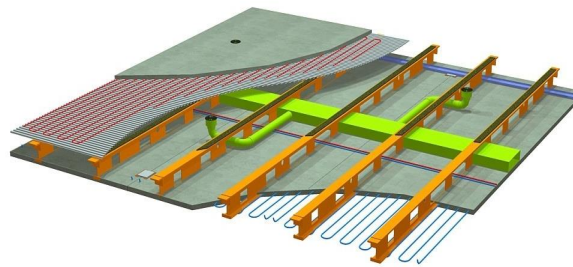
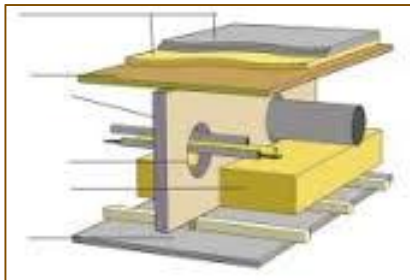


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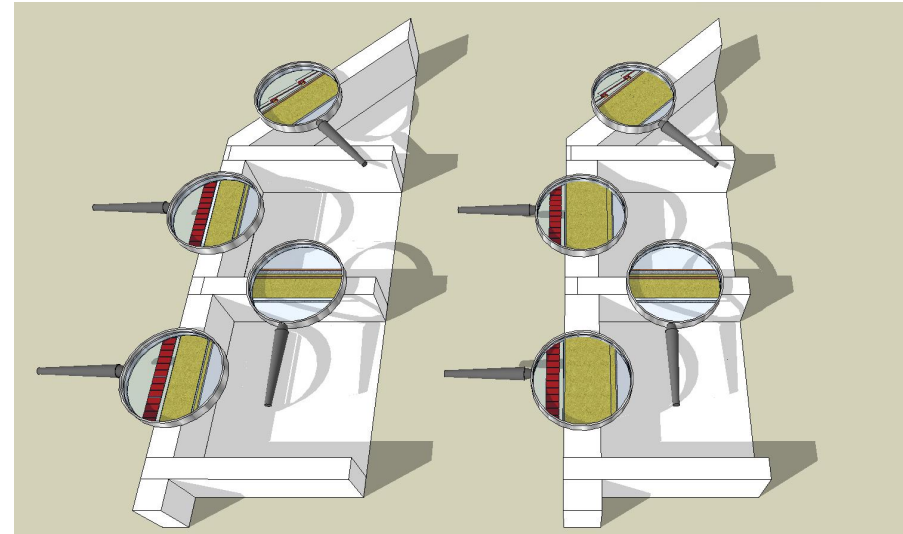
wonen-werken-recreëren 2015?  
aanpasbaar, toegankelijk,  
veilig, emotionele waarde (mooi, gezellig)

gebruik

home  
2050



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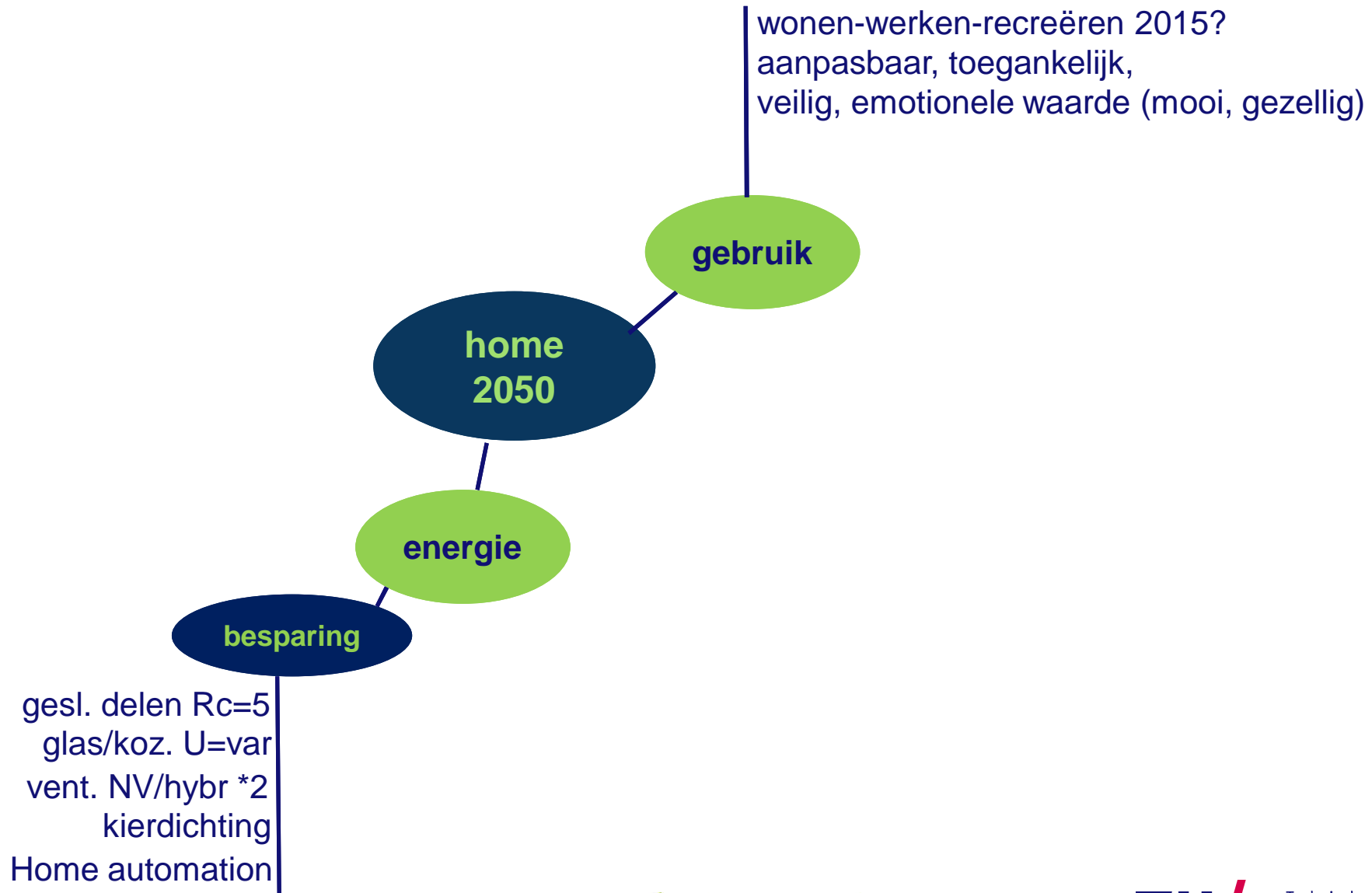
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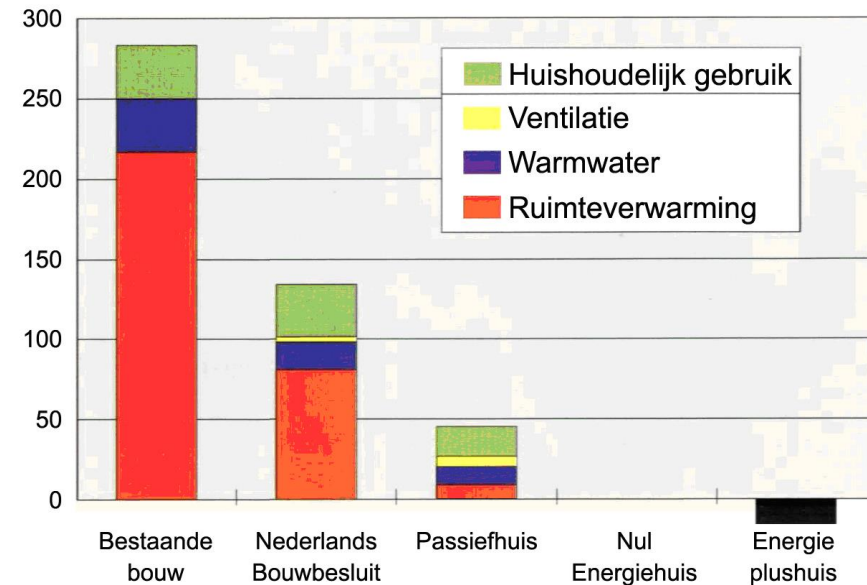
home  
2050

energie

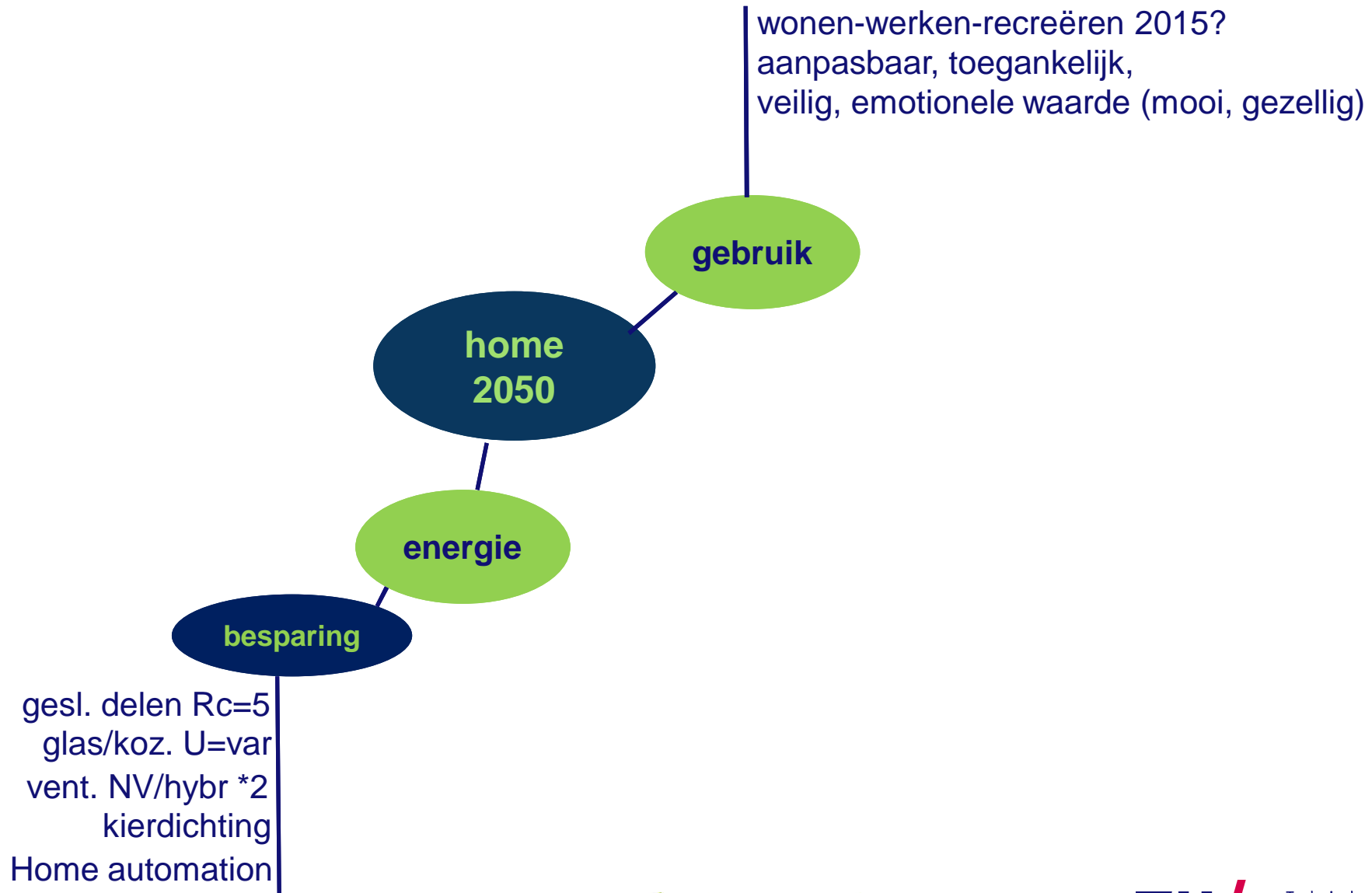
besparing

gesl. delen  $R_c=5$   
glas/koz.  $U=var$   
vent. NV/hybr \*2  
kierdichting  
Home automation

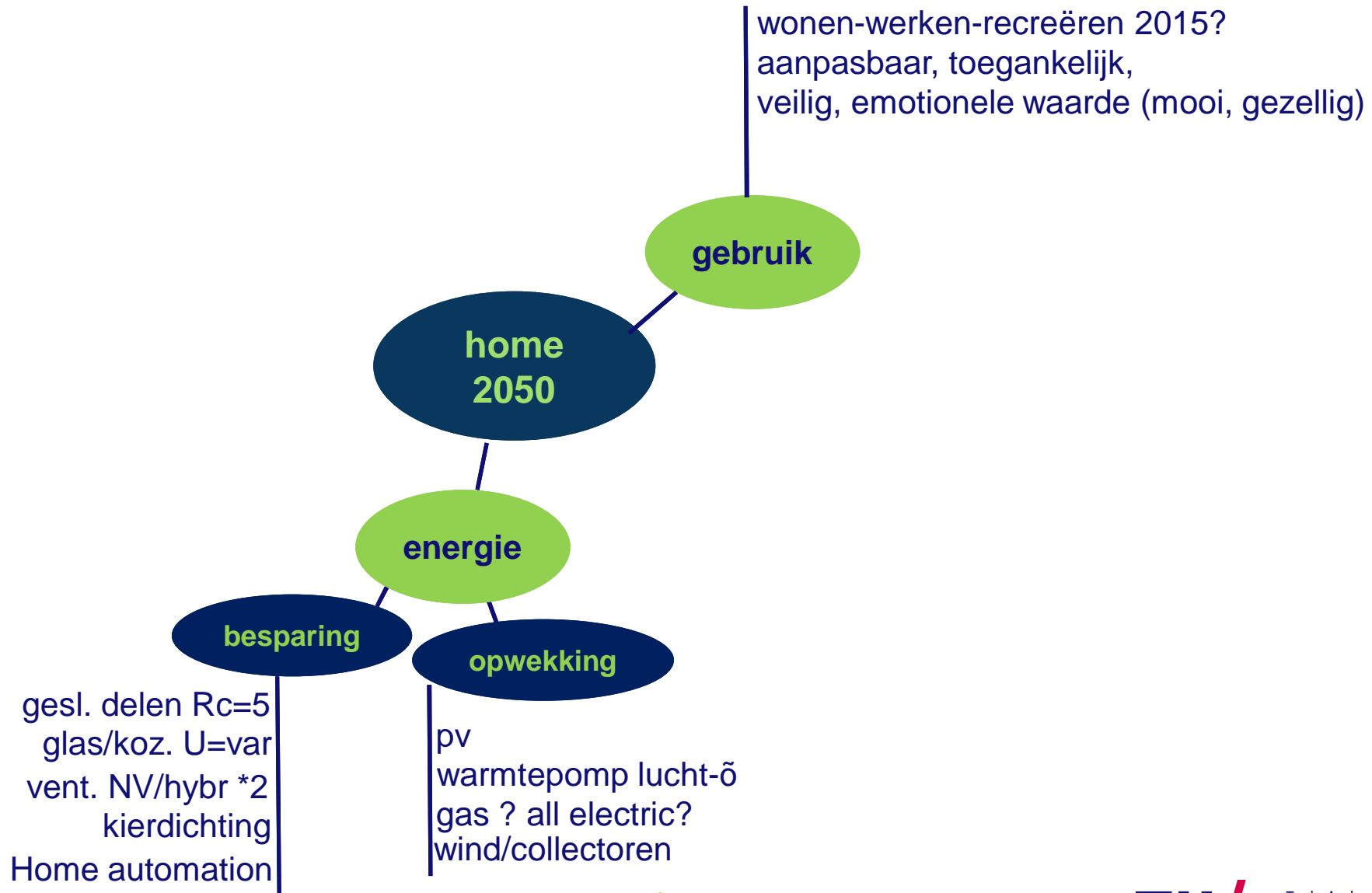
kWh/m<sup>2</sup>/jr



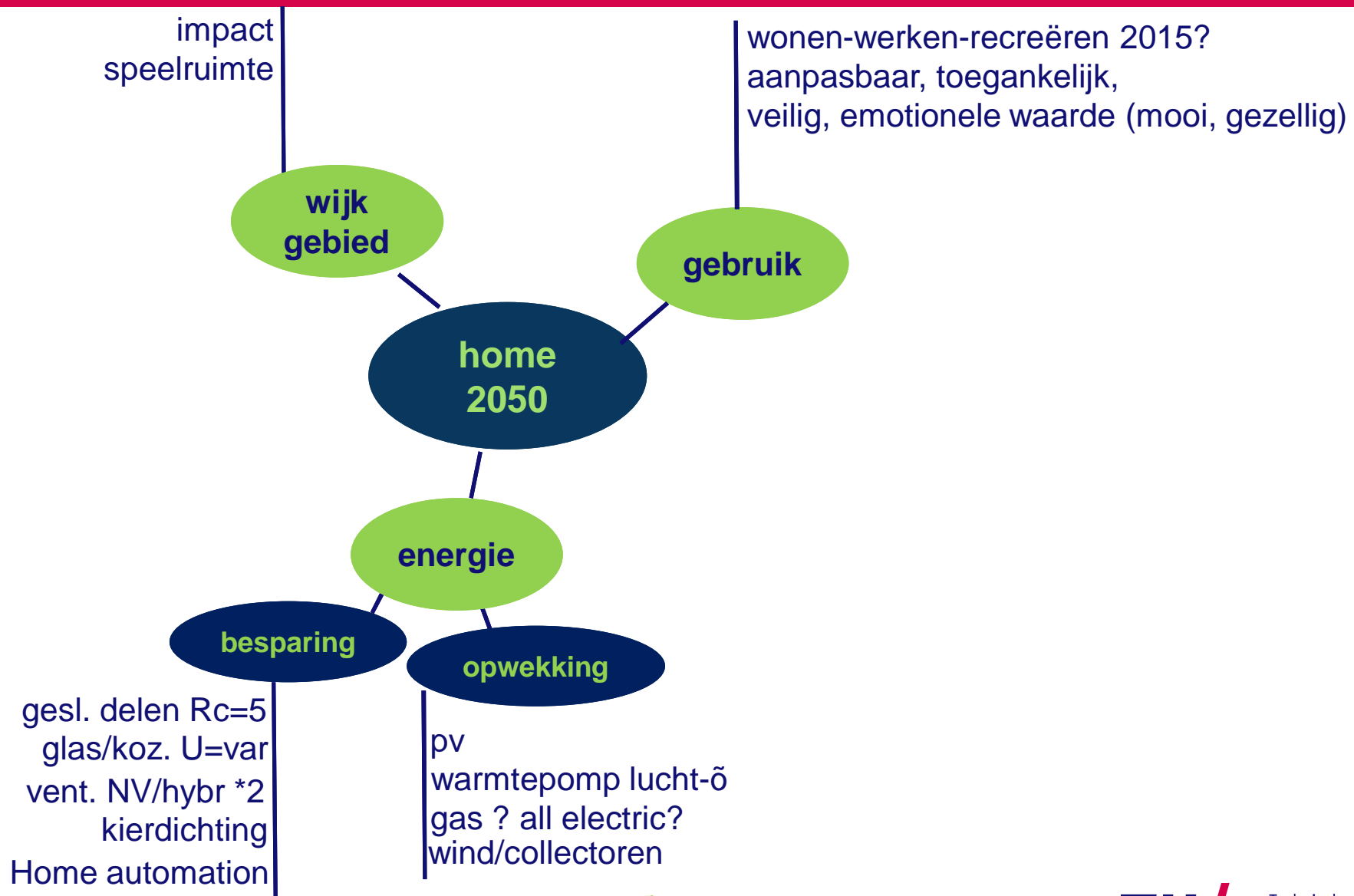
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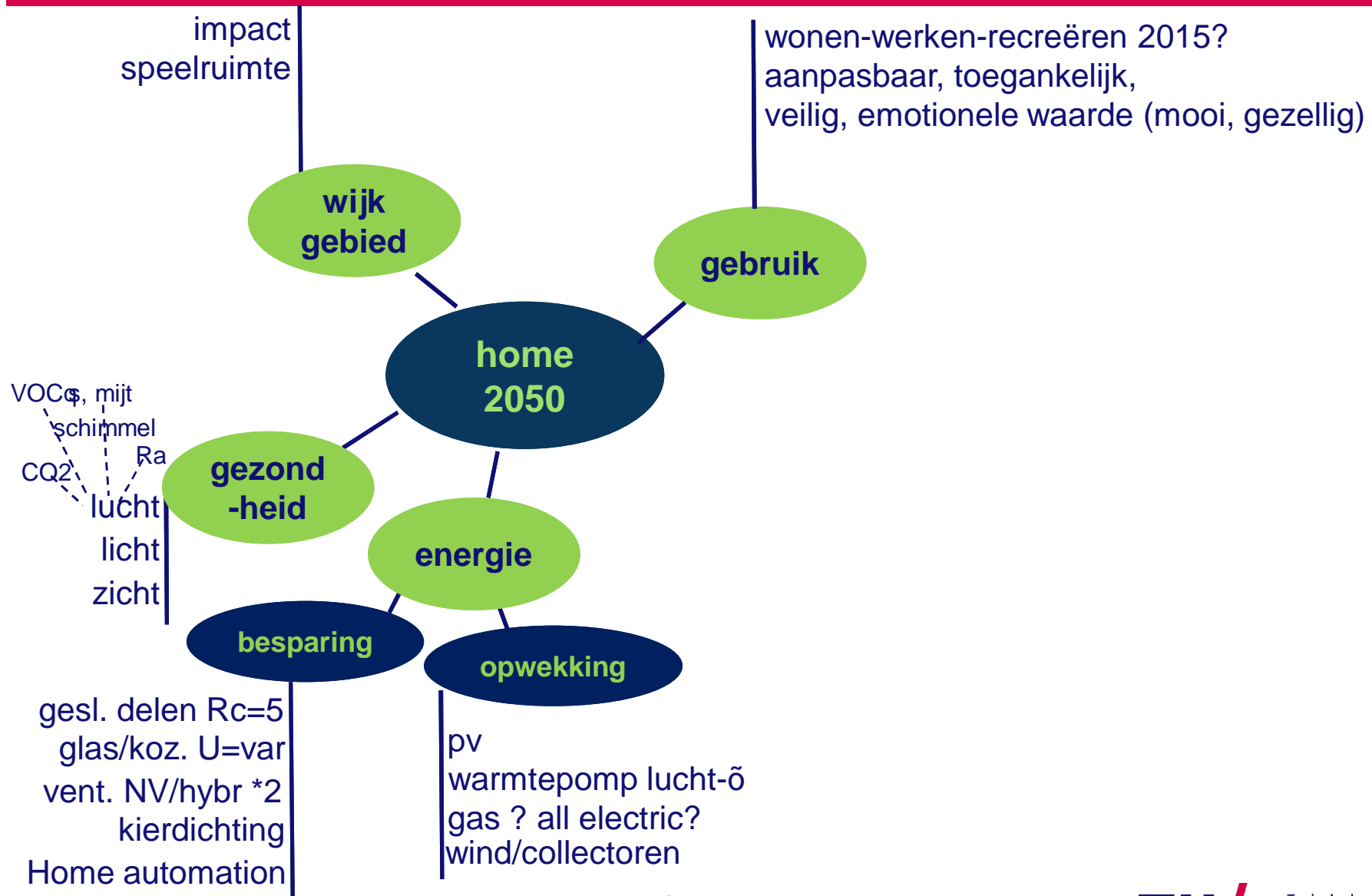
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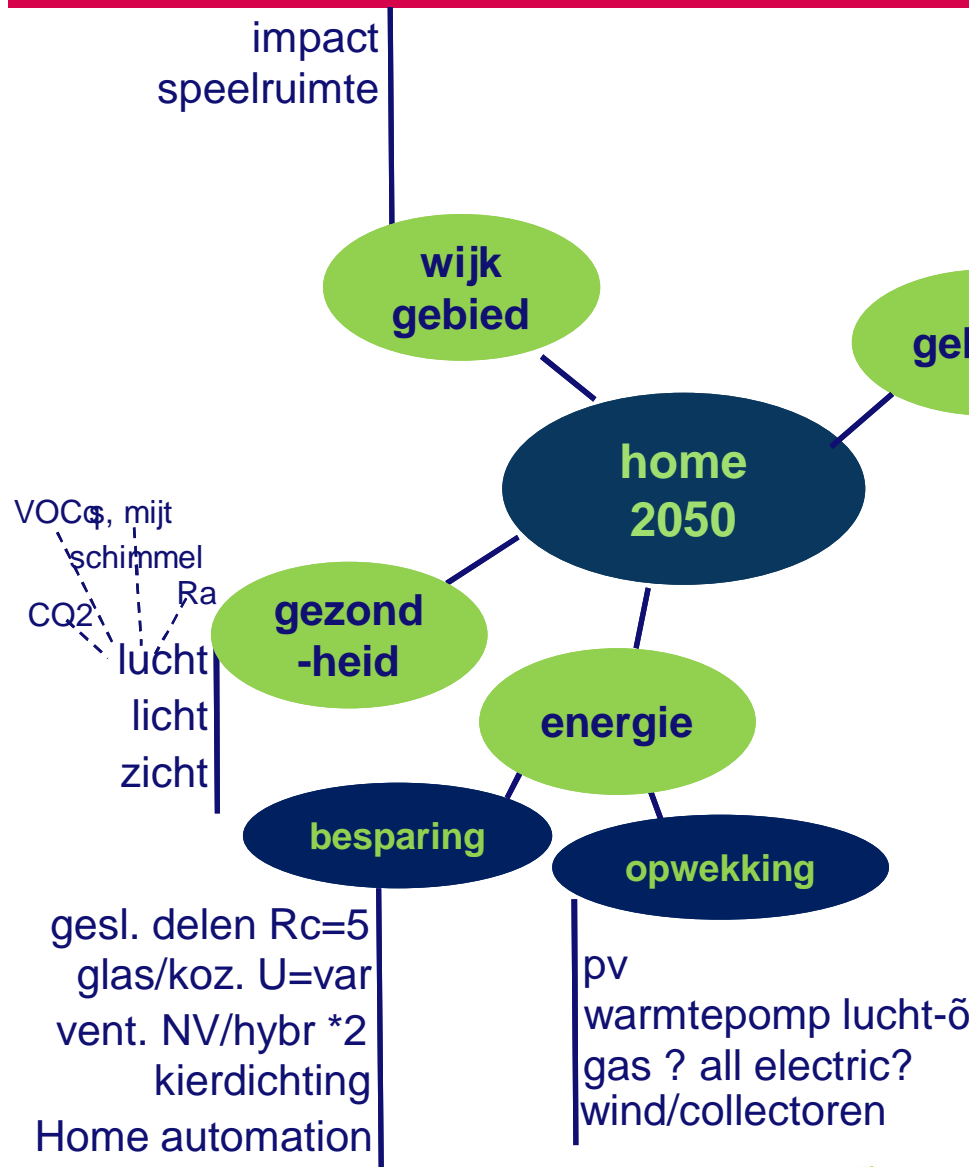
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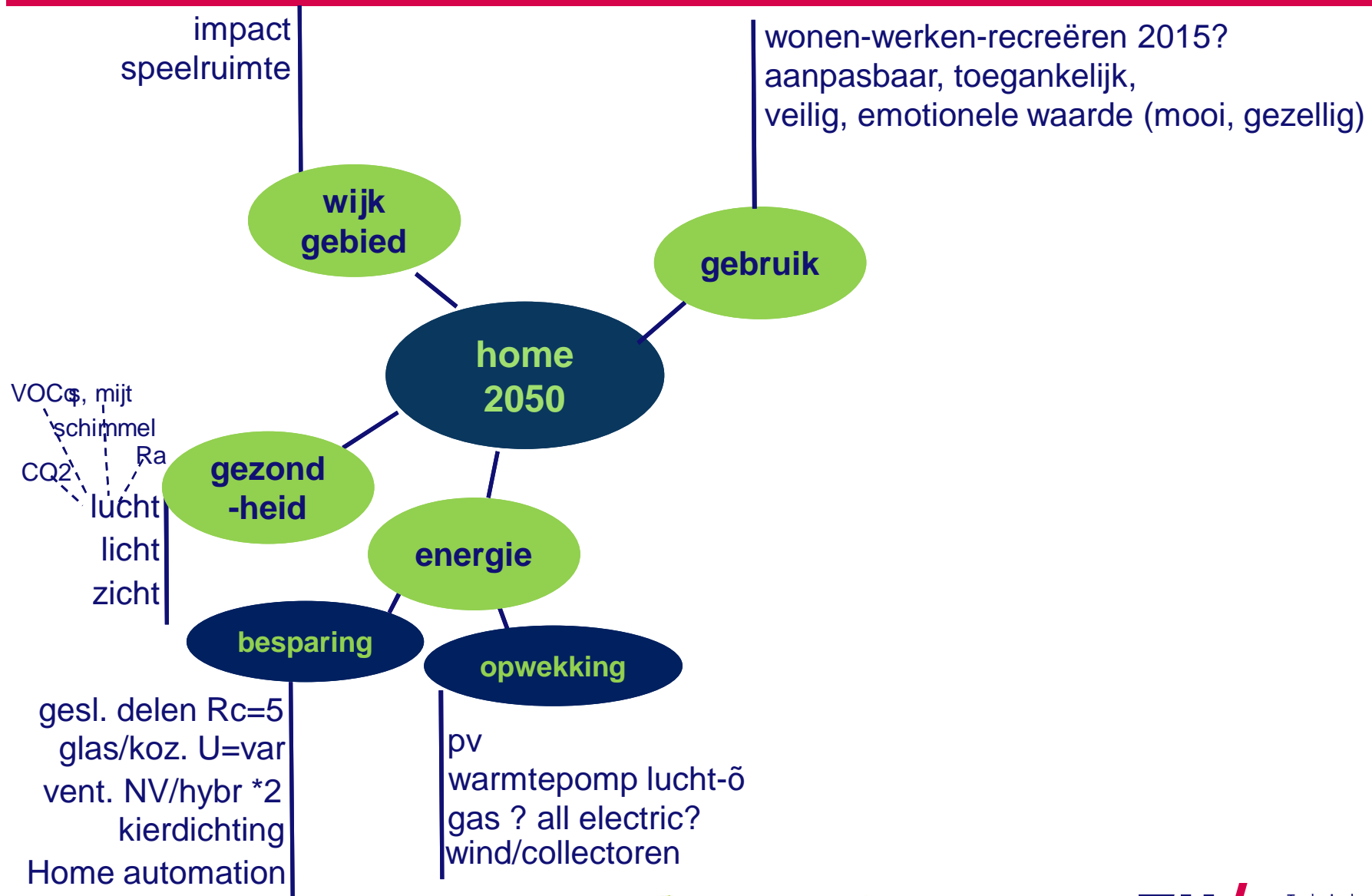
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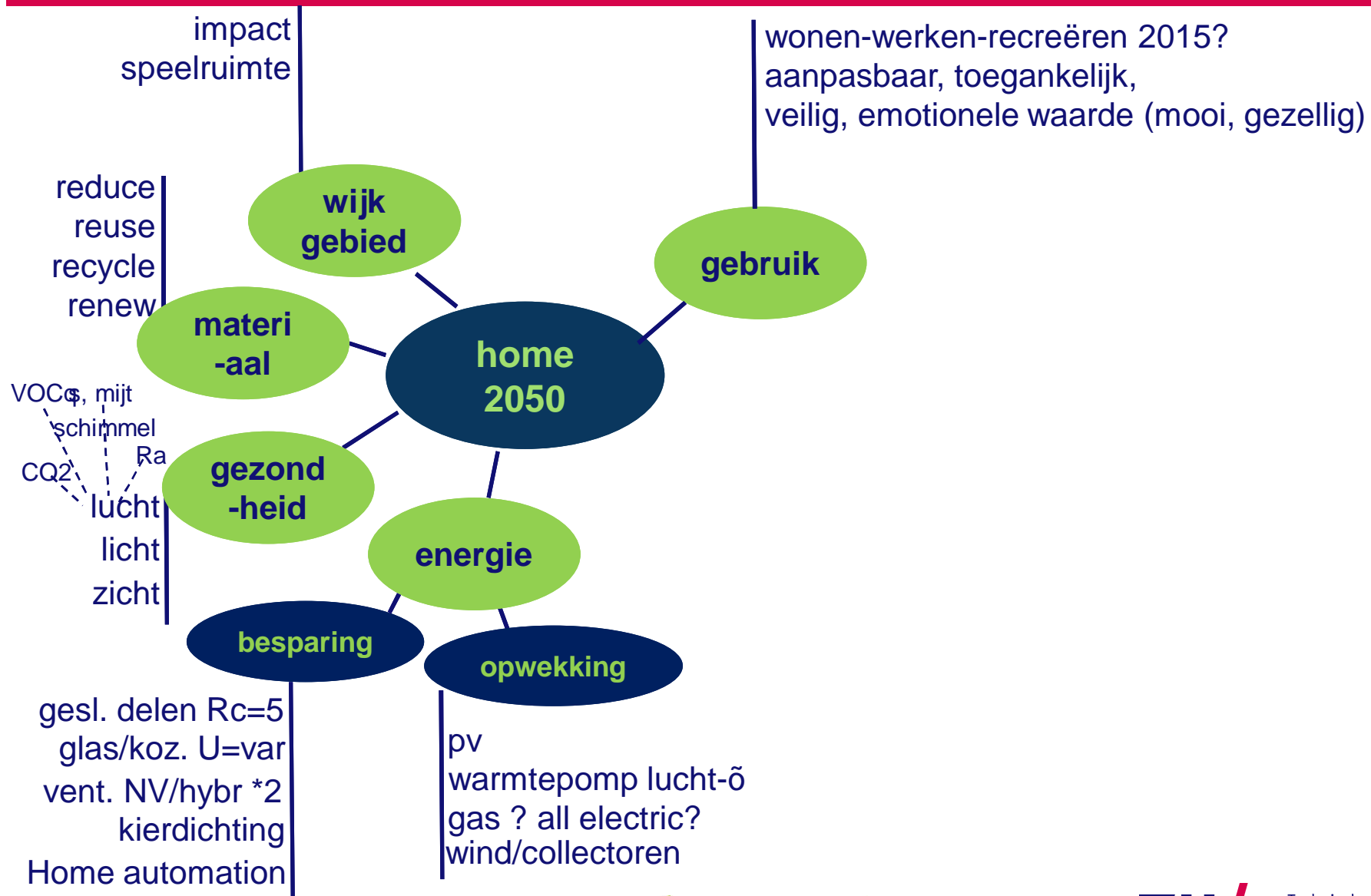
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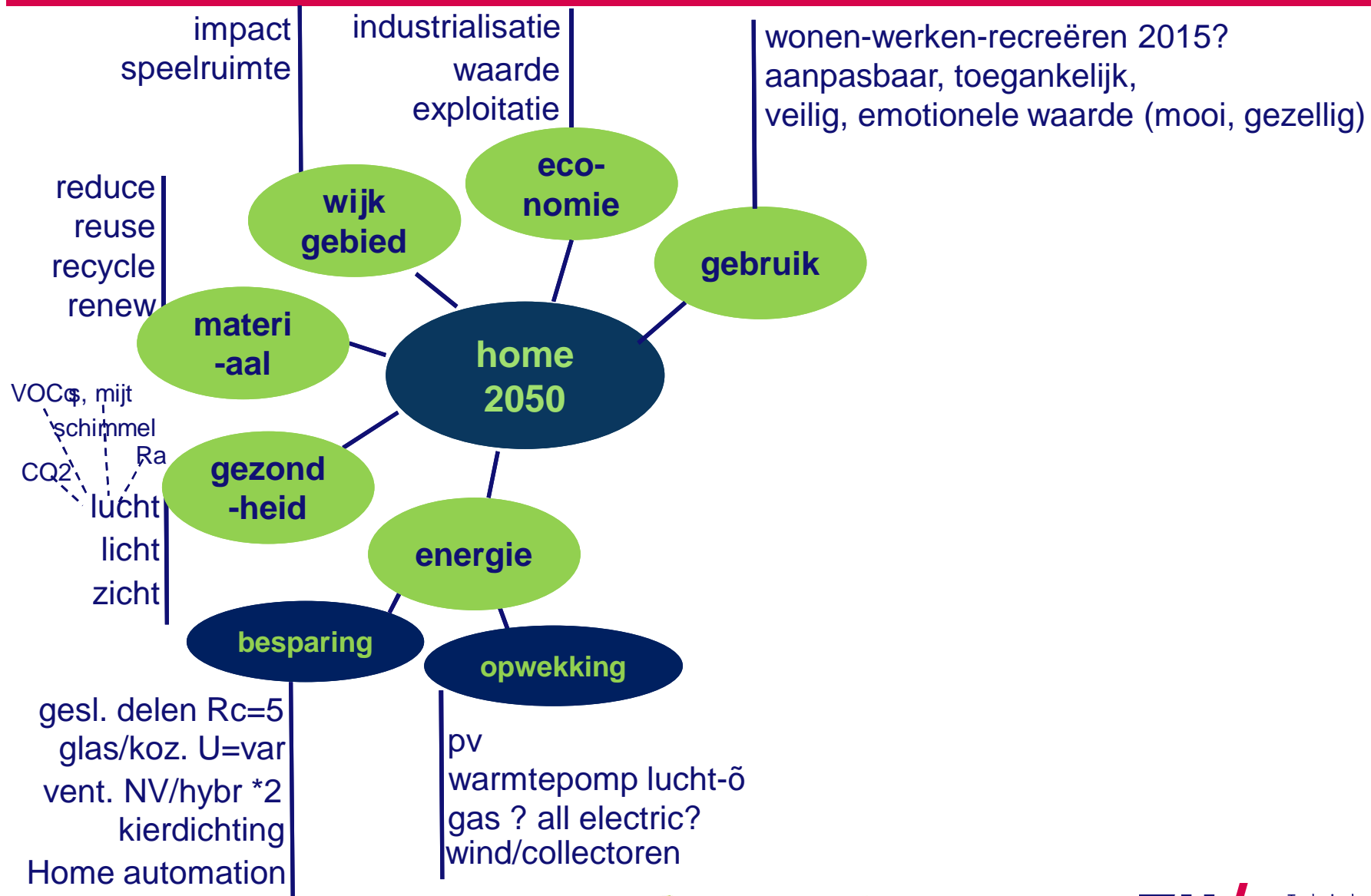


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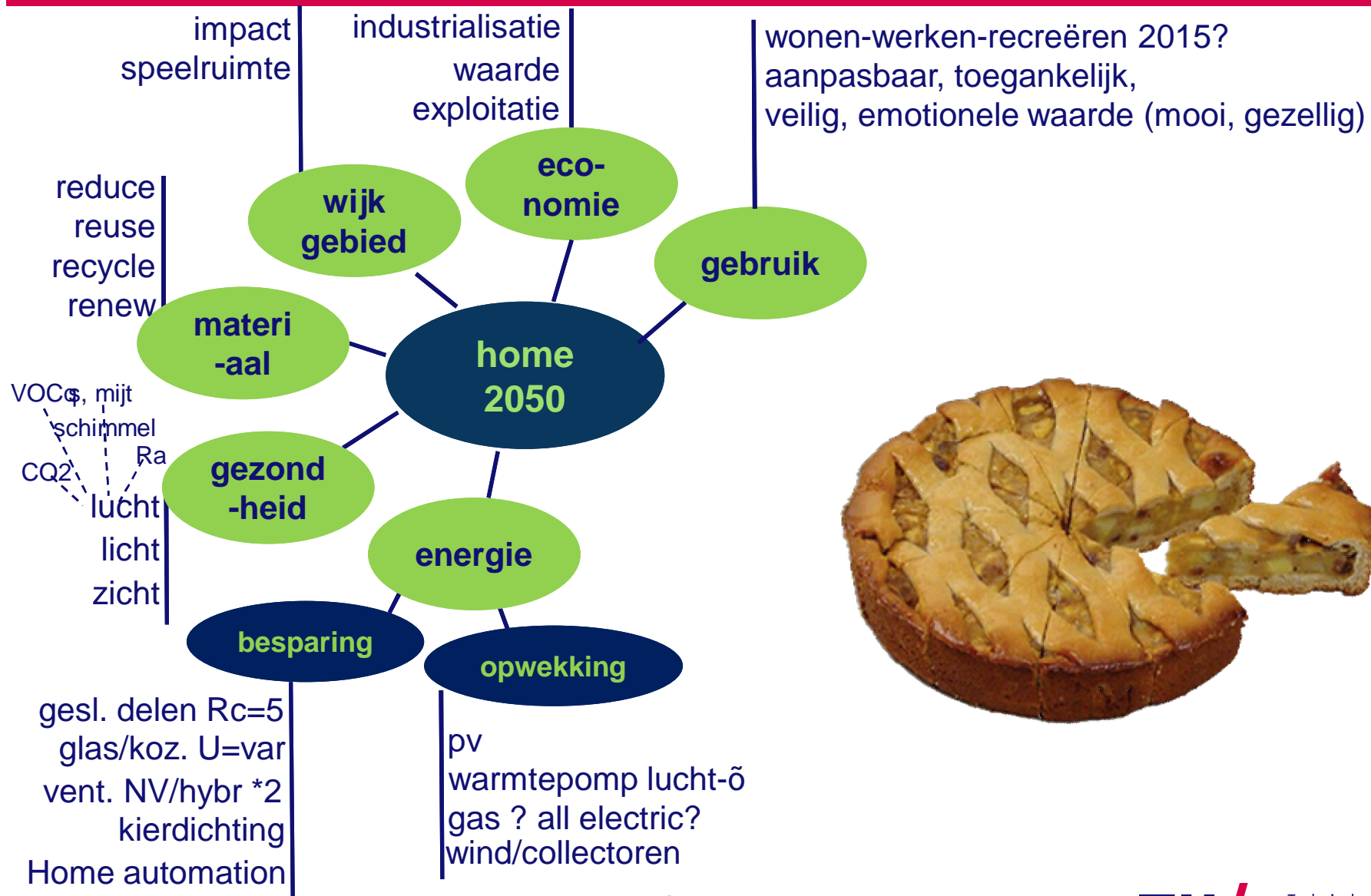




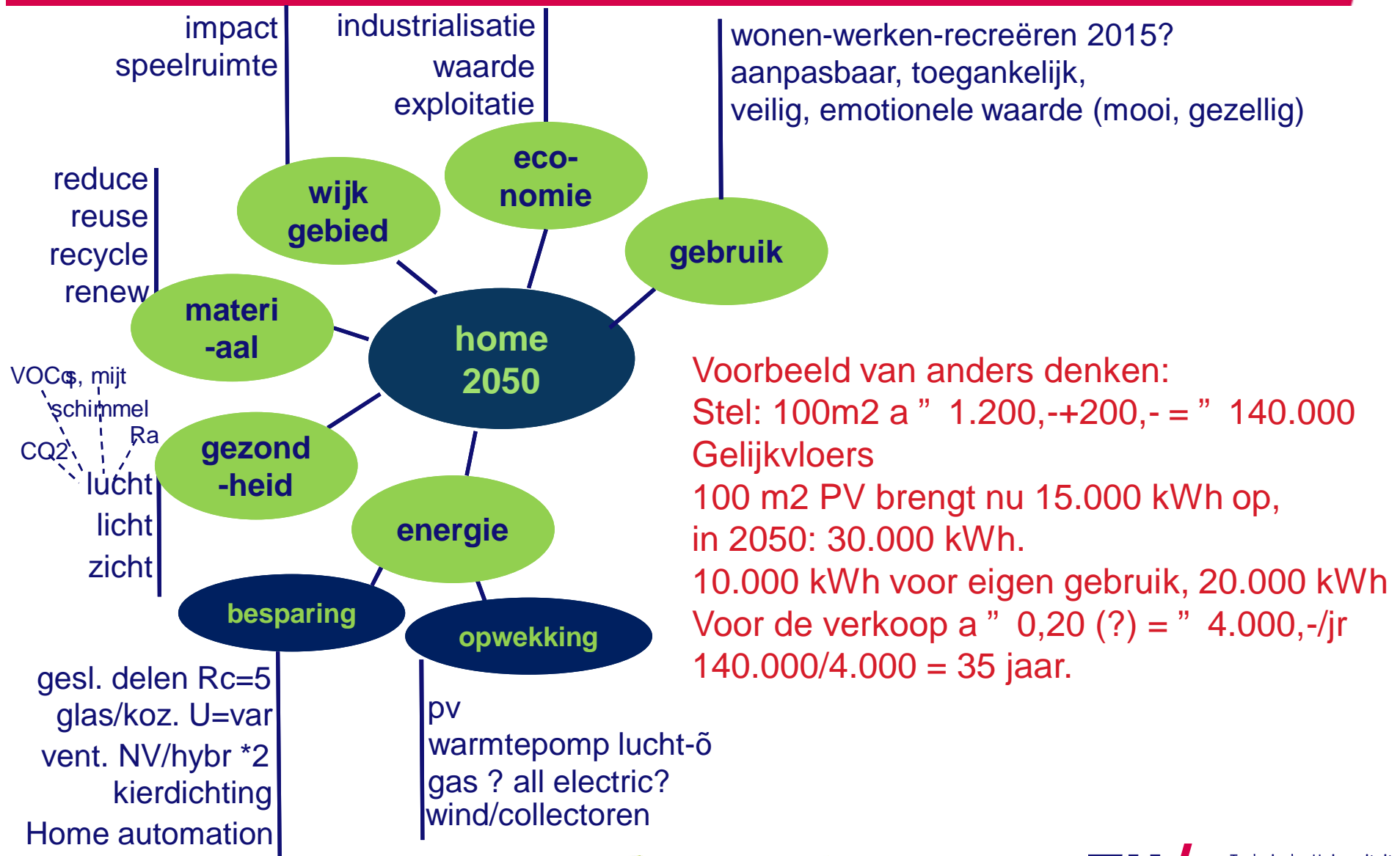
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Voorbeeld van anders denken:

Stel: 100m2 a " 1.200,-+200,- = " 140.000

Geljkvloers

100 m2 PV brengt nu 15.000 kWh op, in 2050: 30.000 kWh.

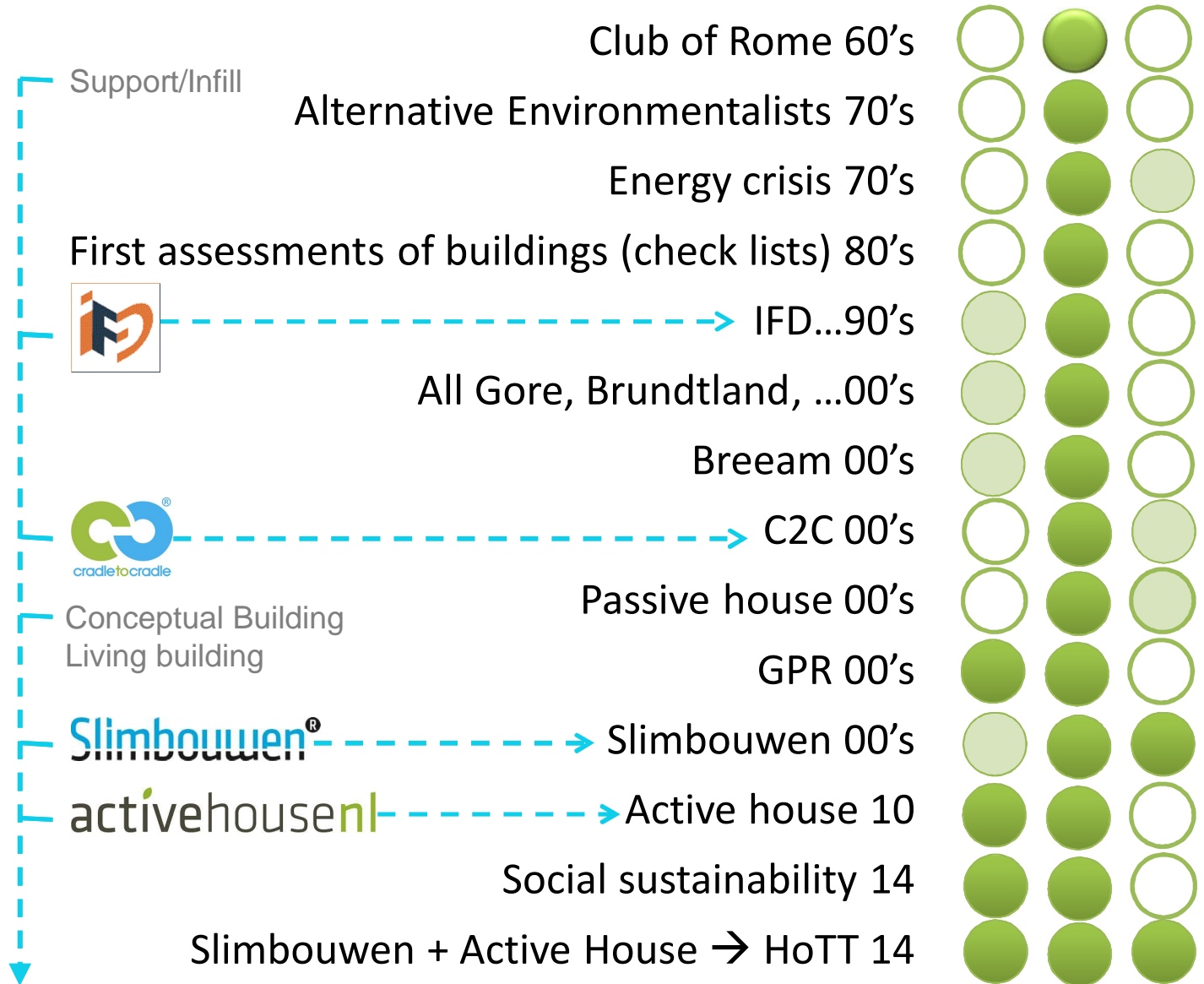
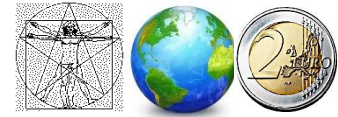
10.000 kWh voor eigen gebruik, 20.000 kWh

Voor de verkoop a " 0,20 (?) = " 4.000,-/jr

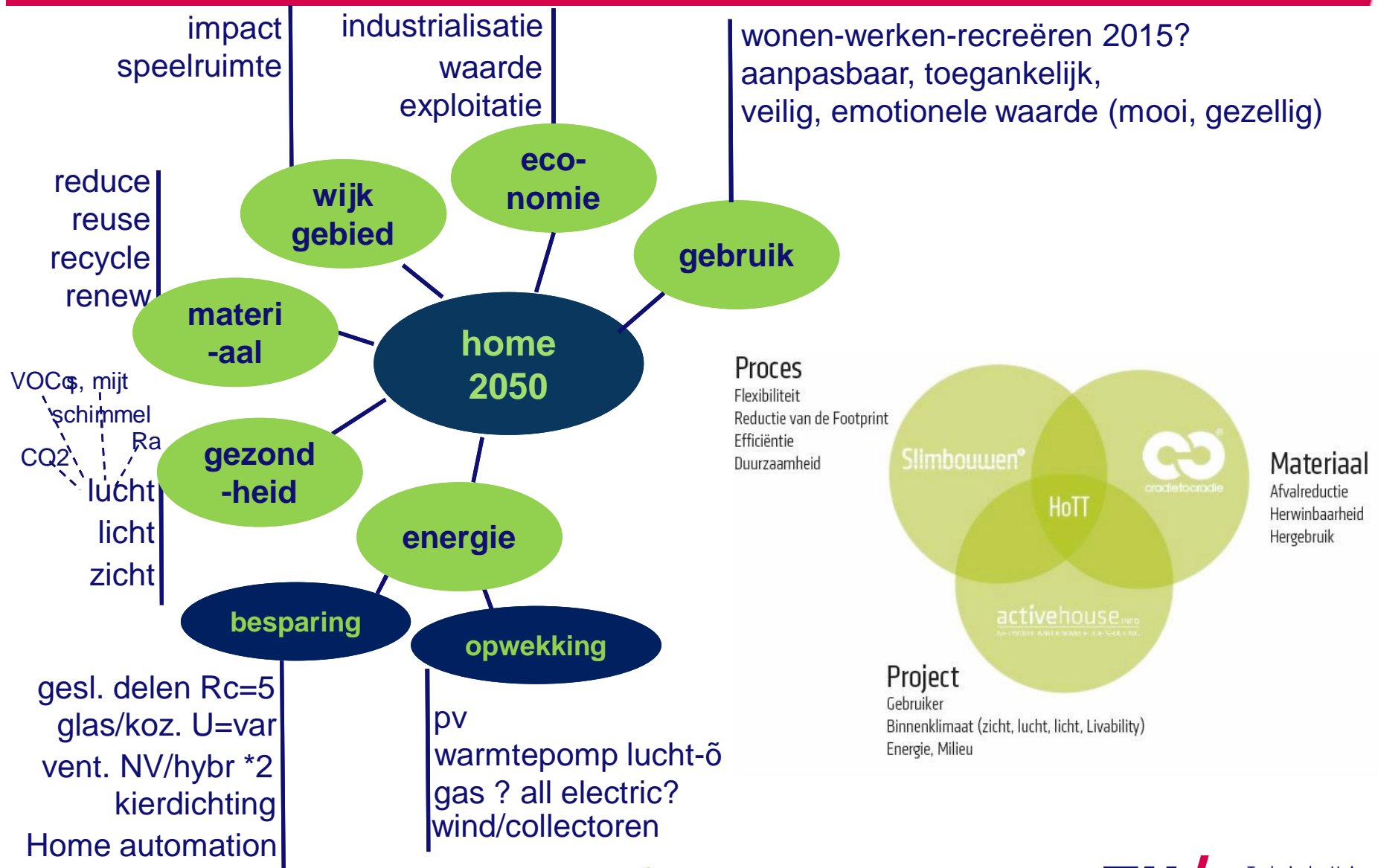
140.000/4.000 = 35 jaar.



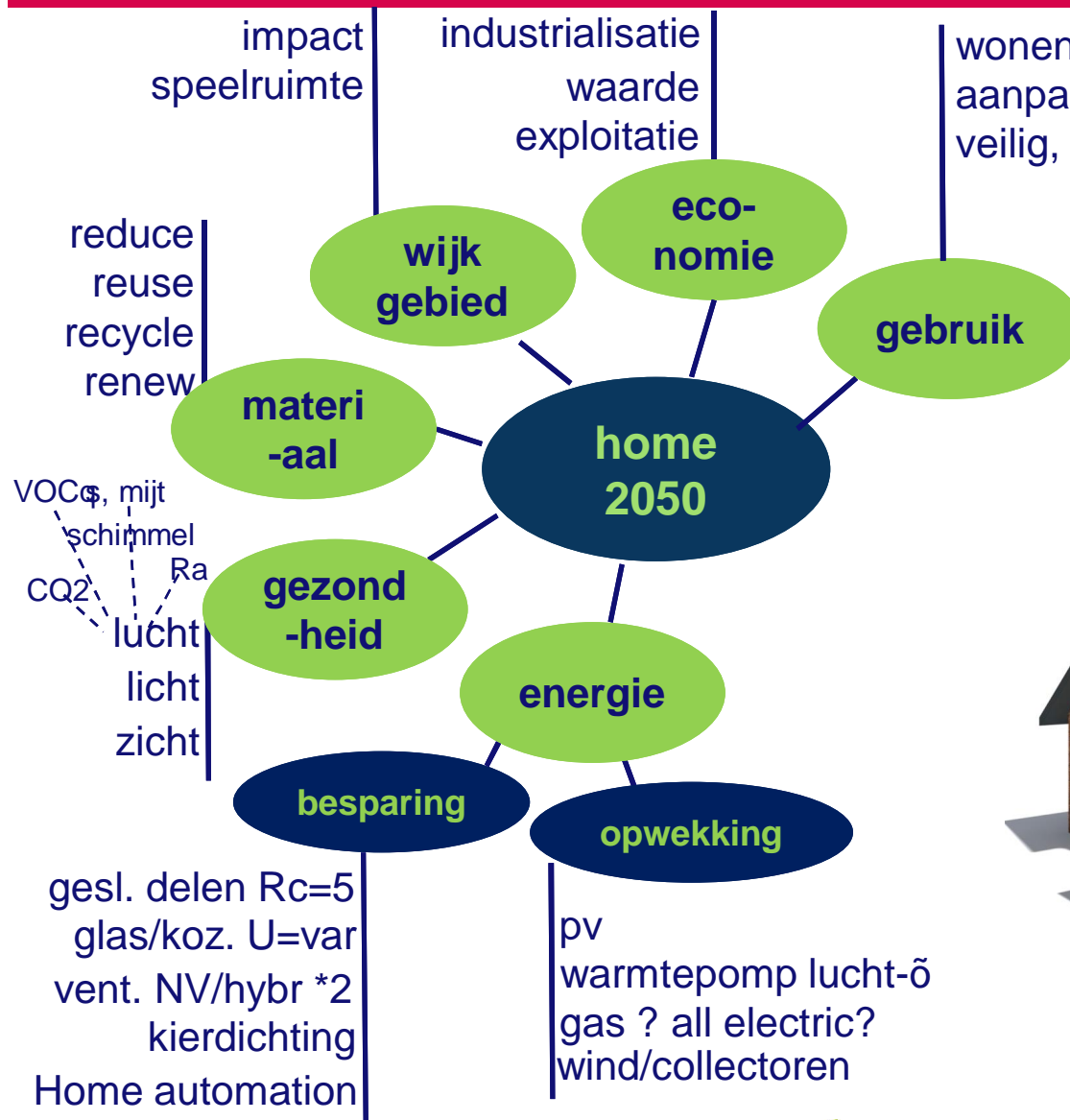
# History of Sustainability



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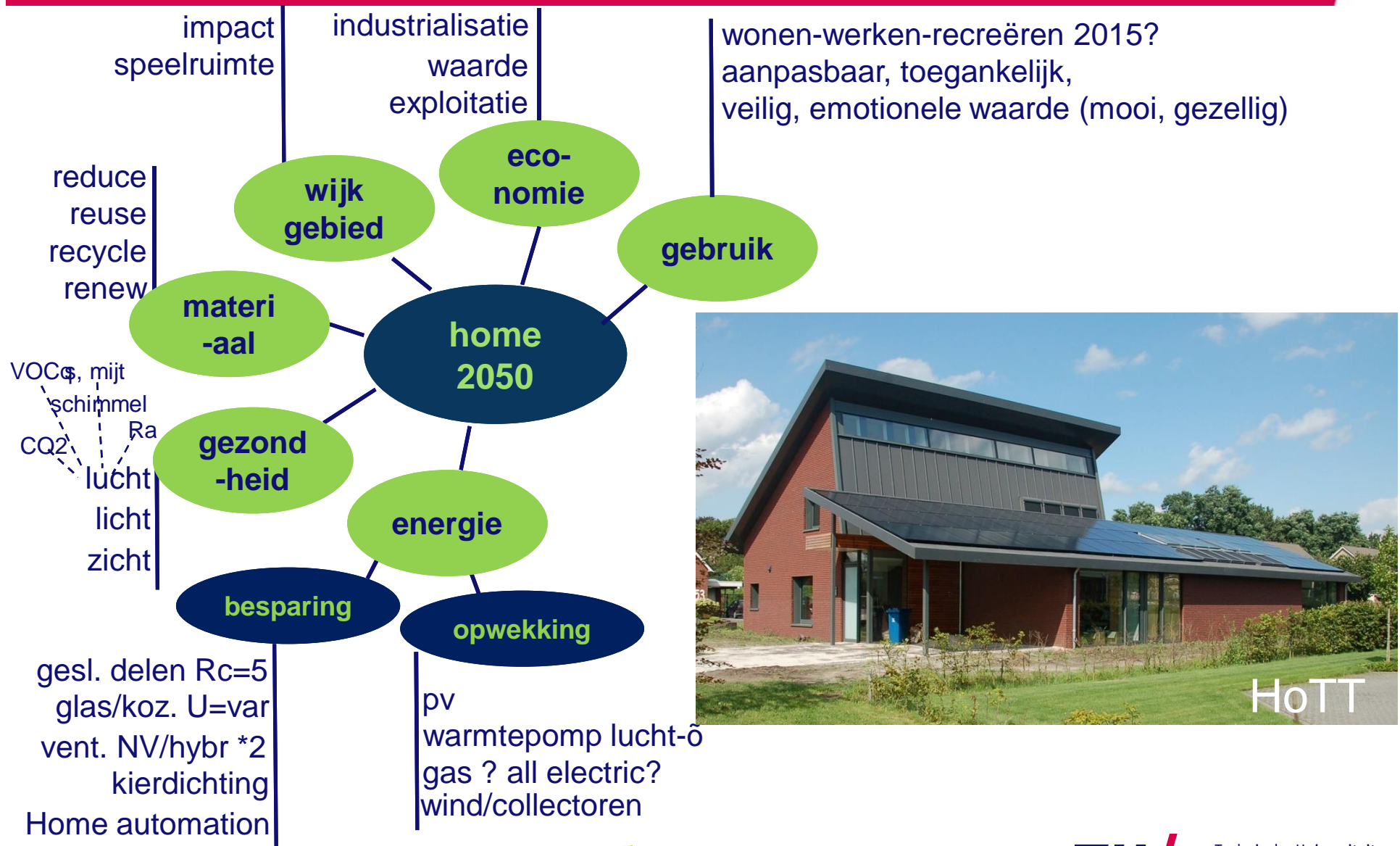


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Photos Dick Holthuis





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Photo Dick Holthuis

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Photo Dick Holthuis

Photo Dick Holthuis



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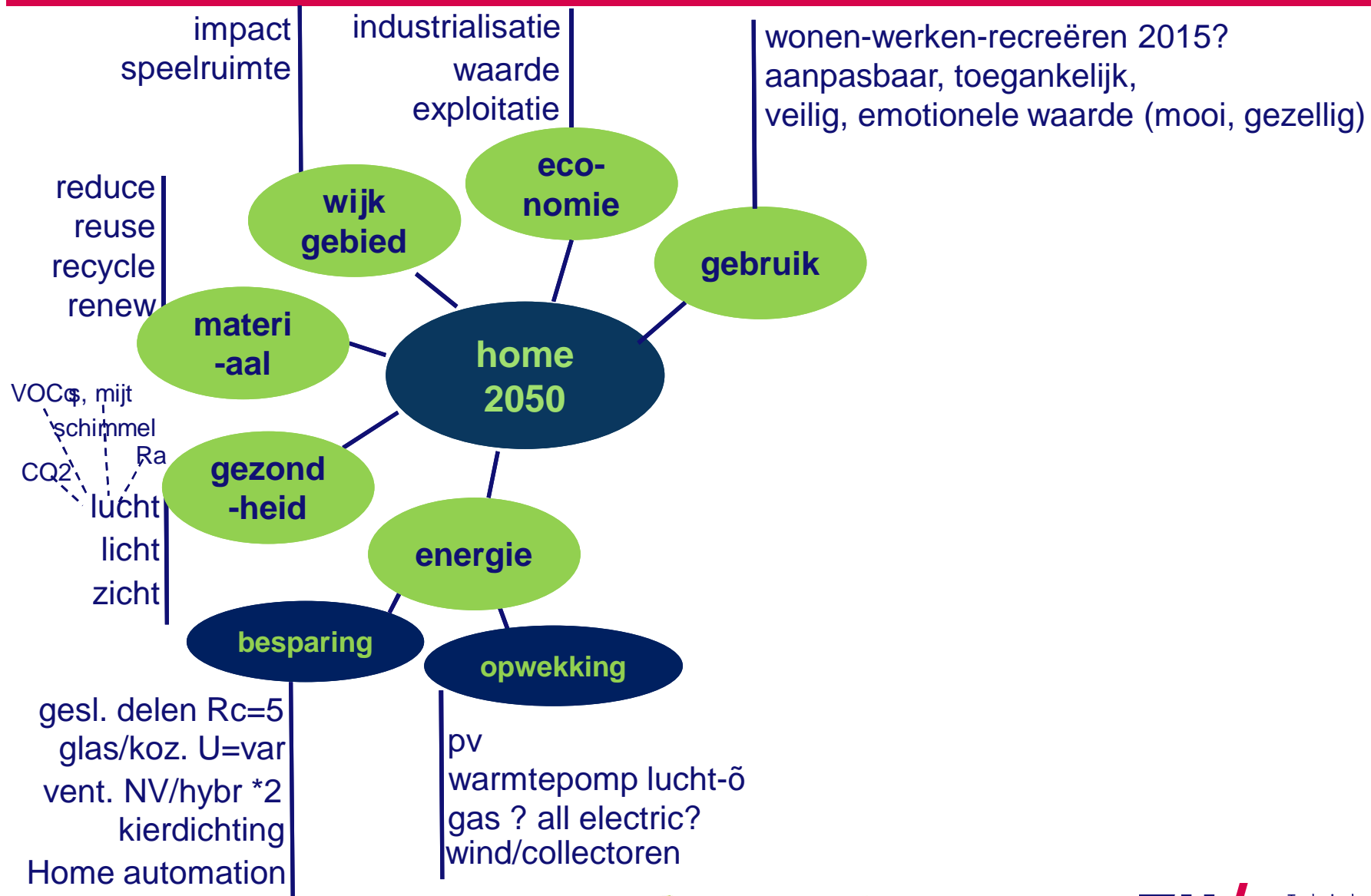
Photo Dick Holthuis

Photo Dick Holthuis



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