

# One-page expertise description

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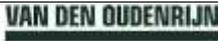
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<u>Topic(s) of interest:</u>	
EE5	Increasing energy performance of existing buildings through process and organisation innovations and creating a market for deep renovation
SC 5	2016-17 work program of the challenge "Climate action , environment , resource efficiency and raw materials"
FTI	Fast Track to Innovation
(EE8	Public procurement of innovative sustainable energy solutions)

<u>Headline:</u>
<p>The core of the idea of consortium EnergyHouse to contribute to this work program - for theme Systemic eco-innovation for a circular economy - is as follows:</p> <p>Within consortium EnergyHouse a Zero-on-the-Meter renovation concept for private home owners is in development ( Technology readiness level is <math>\geq 5</math> and <math>\leq 7</math> ) . This concept is developed within Dutch government program 'Stroomversnelling Koopwoningen' (literal translation = Rapids Residential Properties). There are far-reaching energy concepts in development by different parties for private home owners.</p> <p>The demand for such "Zero-on-the-Meter ' homes grows increasingly, and is expected to reach 300,000 by the year 2015. Research has shown that more than a third of Dutch households is interested in getting a ' Zero -on - the -Meter ' house offer with performance guarantee. This is expected to eventually provide affordable and valuable , future-proof housing, that contribute to the sustainability of the existing housing stock and gives a meaning to corporate social responsibility.</p> <p>A performance guarantee provided by the EnergyHouse consortium for Zero-to-the-Meter guarantee will help the home owner to choose for this renovation concept. The renovation concepts are not only build with annual balance sum = 0 , but also will be realized under specific conditions: 0-10 – Zero; which means guaranteed Zero-on-the-Meter renovation; realized within 10 working days and cost to renovate the house are neutral.</p>

<u>Potential contribution: Pilot EnergyHouse; development and realisation.</u>		
<b>Consortiumpartners</b>	<b>logo</b>	<b>Profile</b>
Mampaey installations		Supply and installation engineering

Smits property care		Development and realization of renovations
Van den Oudenrijn		producer façade
DPA Cauberg-Huygen		Consultant Energy and sustainability
Nieuwe Architecten		architects
Havensteder		Social housing corporation
Stroomversnelling Koopwoningen/ Rapids Residential Properties		government ; supercharger Zero-on-the-Meter concepts
Municipality		To be determined