



***SDHplus***  
**Solar District Heating in Europe**

*WP2 – SDH enabling buildings with high energy performance*  
*Task 2.2 – Development of adapted and/or new models*

**D2.4 – Report on adapted  
and/or new possible models  
in Germany**



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## INTRODUCTION

*The information must be provided **in English**.*

**Country**

Germany

**Responsible partners for the deliverable (organizations and persons)**

Solites and AGFW

**Date of last information update**

June 2015

*1. Which models are you planning to replicate? Please choose from D2.3 document*

Following two models shall be brought to pilot implementation in Germany:

1. Model 1 'Net-metering of heat in distributed solar plants'
2. Model 12 'Bioenergy villages using solar thermal'

*2. Which are the main changes needed in order to replicate the chosen models in your country?*

Ad 1.: technical feasibility has to be demonstrated, terms of use have to be defined.

Ad 2.: legal, organisational and economical framework is investigated in detail, practical demonstration of model is planned.

*3. Which stakeholders (utilities, local authorities, etc.) do you plan to involve?*

Ad 1.: A utility operating a large city district heating network, the municipality of this city and a housing company are involved. A final commitment was made in May 2015.

Ad 2.: Three villages for pilot implementing this model were found and started concretely developing the project. Solites and AGFW further cooperate with several organisations in the Region of Baden-Württemberg for identifying further candidate villages. These organisations are the regional energy agency and three regional networks of energy villages.

*4. Please describe how the model will work and the role of the different stakeholders*

Ad 1.: The first step will be to demonstrate the technical feasibility of the decentral integration of a medium size solar thermal plant.

Ad 2.: A key in this demonstration will be to develop the legal, organisational and economical framework and the role of the stakeholders. An important element will be to find the right cooperation model between a non-profit ownership (e.g. a cooperative) and the professional technical know-how for operating a small district heating system.

*5. What is the final aim of the model implementation?*

Ad 1.: demonstration of the technical feasibility, clarification of the terms of use.

Ad 2.: realisation of several demonstration casea for the elaborated legal, organisational and economical framework.

*6. Please include the foreseen timetable for the model implementation (hearing with stakeholders, preparation of draft documents, etc.)*

Ad 1.: For this pilot implementation a definitive commitment was made in May 2015.

Ad 2.: In three villages the project development started (pre-planning, citizen consultation, cooperative registration, permissions). Plant realisations are expected in 2016 and 2017.