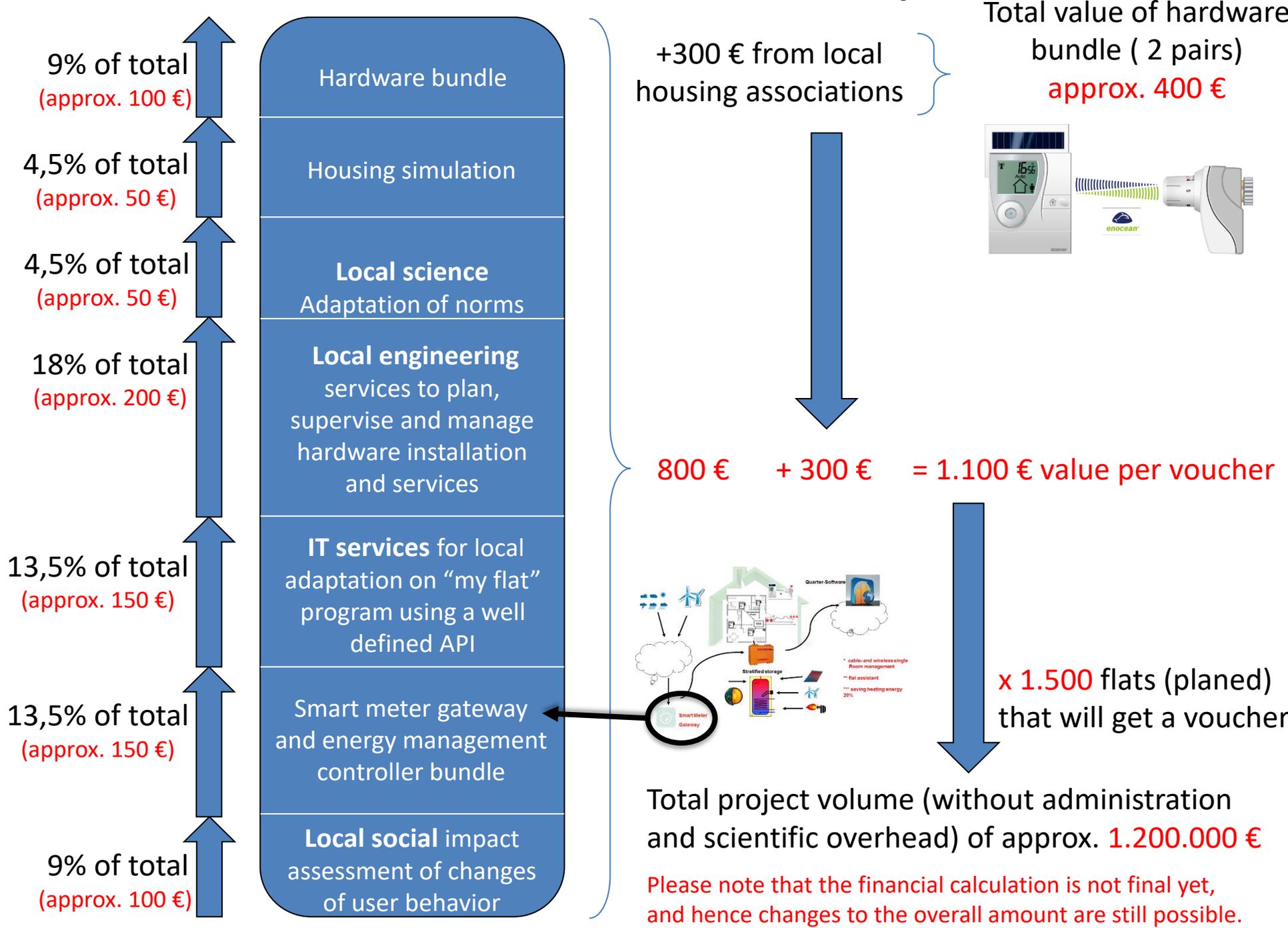




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Estimated voucher composition CroClima project

featuring: ladder of success
involving tenants in
lowering heating energy consumption

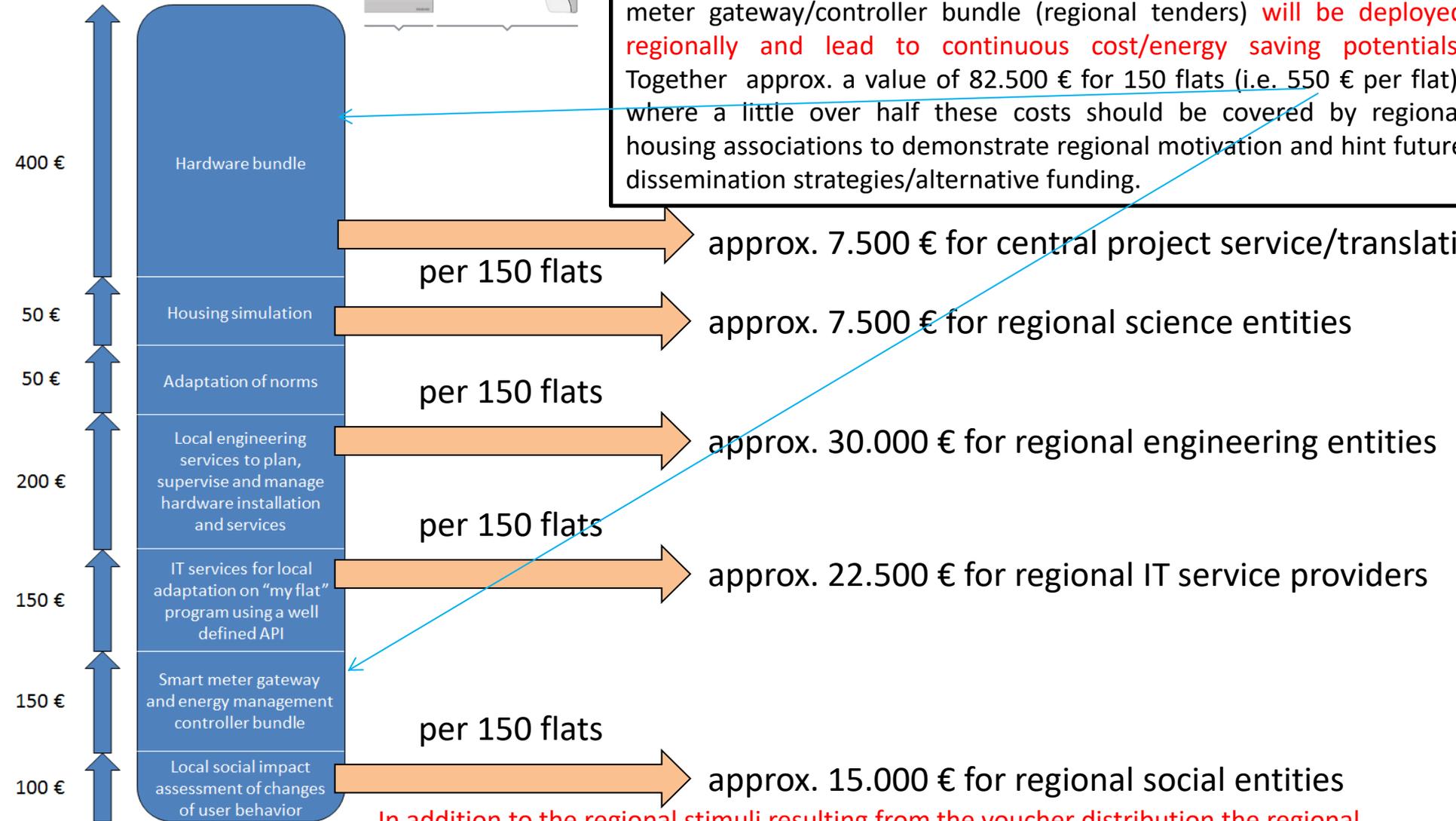


estimated regional economic stimuli (150 flats)



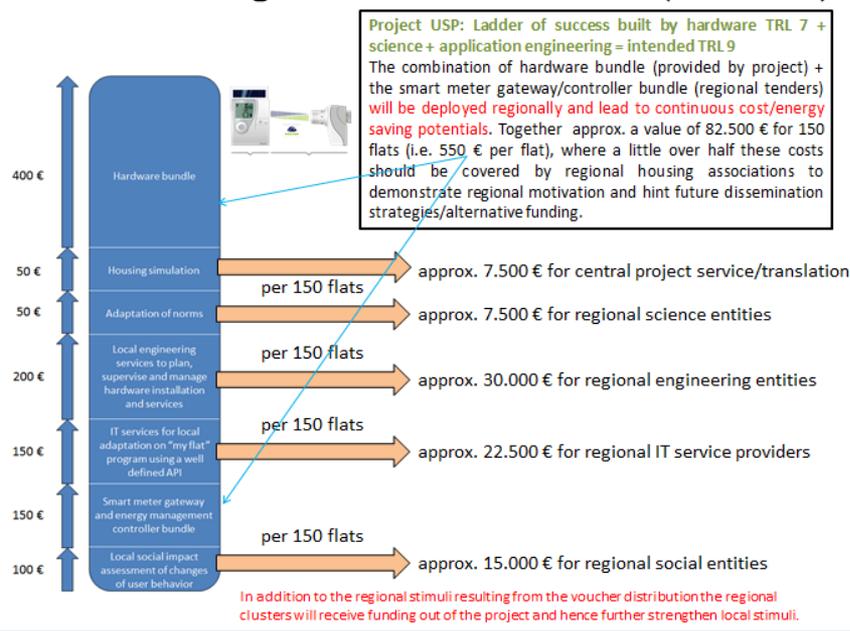
Project USP: Ladder of success built by hardware TRL 7 + science - application engineering = intended TRL 9

The combination of hardware bundle (provided by project) + the smart meter gateway/controller bundle (regional tenders) **will be deployed regionally and lead to continuous cost/energy saving potentials**. Together approx. a value of 82.500 € for 150 flats (i.e. 550 € per flat) where a little over half these costs should be covered by regional housing associations to demonstrate regional motivation and hint future dissemination strategies/alternative funding.



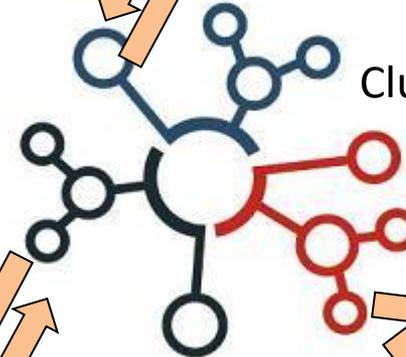
In addition to the regional stimuli resulting from the voucher distribution the regional clusters will receive funding out of the project and hence further strengthen local stimuli.

Cluster work packages concerning the voucher distribution



1 Local science entity

2 Local engineering entity



Cluster as a mediator of 1- + housing partner



4 Local social science entity

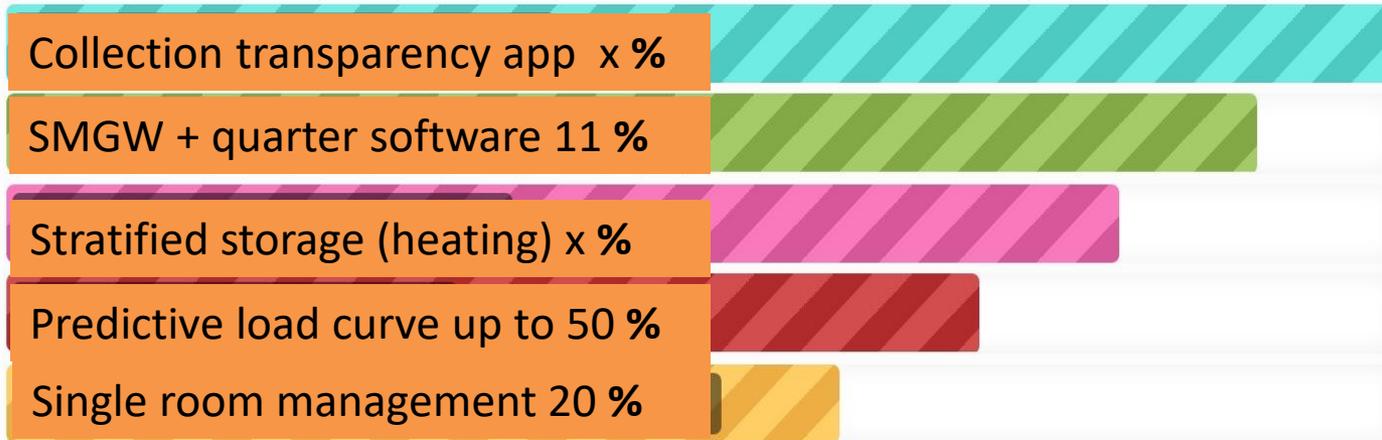
3 Local IT entity

```

252 document.getElementById(
253
254
255
256 function updatePhotoDescription() {
257     if (descriptions.length > (page * 1) + (currentImageIndex - 1)) {
258         document.getElementById("description" + currentImageIndex)
259
260
261
262     var i = 1;
263     while (i < 10) {
264         var elementId = "photo" + i;
265         var elementId2 = "caption" + i;
266         if (page * 1 + i - 1 < photos.length) {
267             document.getElementById(elementId).src = "img/" + photos[page * 1 + i - 1].src;
268             document.getElementById(elementId2).src = "img/" + photos[page * 1 + i - 1].caption;
269         } else {
270             document.getElementById(elementId).src =
271
272
273
    
```

Cluster management in the first stage of the project will imply the identification of regional entities able to provide the needed services for the given work packages of the voucher, i.e. mainly the needed engineering, IT and social services. The local partners will receive detailed templates and work plans in English and should thus be able to work internationally, as well as have proven their excellence in the given field. The offers should for most cases follow local tenders.

Experienced single dropping rates



How does **presence driven single room management** work?



- Learning of user-behaviour
- Automatic creation/adaptation of schedule
- Information for the user (display)
- Single button operation ("complaint-button")

- Room temperature control
- Opening/closing of the radiator valve = TRL 7
- **+ cooling hardware to be adjusted = # TRL 9**
- Setting of value for best comfort
- Adaptation to commercially available standard thermostat-valves

Template for the cluster partner

Cluster name	
Core competence	Main competences of the cluster/members of the cluster
Contribution in the project	Short description only; work packages in detail will follow separately
Dissemination	e.g. Conferences, publications
Economic exploitation within the cluster	
Scientific exploitation within the cluster	
Scientific connectivity after the end of the project	e.g. follow-up projects
Reference projects	Name of the call, operational time, Short description of the project, Short description of the relation to the call "Behavioural change toward energy efficiency through ICT"
Identification of housing companies	Identify the housing companies in your region; If possible get a memorandum of understanding for the proposal