



## ANNEX 2

### Best practice Identified and transferred

| Section                                       | Indication of content  |
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| 1 Title of the best practice                  | Holistic calculation of energy reduction proposals   |
| 2 Precise theme/issue tackled by the practice | Holistic calculation of energy reduction proposals rather than considering each proposal in isolation, in order to understand their cumulative effects.  |
| 3 Objectives of the best practice             | <p>The energy demand of a building depends on several factors as: building construction, building energy system construction, external atmosphere and internal conditions required. The energy audit should include all the elements in the analyses in the aspects of current state and possible improvements. The energy reduction proposals should base on coherent technical analyses where all the factors are connected with all the others. /For example increasing the building walls thermal isolation should result reduction level of space heating thermal power/.</p> <p>The main objective of this best practice is to ensure the methodology will cover each of the substantial elements influencing energy demand and energy consumption in buildings based on a holistic procedure and on complete, coherent account of energy reduction proposals which are not usually applied in energy audits. The approach will enable consulting firms to apply the methodology in order to achieve optimal solutions of high level of energy reductions of energy demand and energy consumption in public buildings.</p> |
| 4 Location                                    | This best practice applies to all partner regions – Modena (Italy), South East England (UK), Andalucía (Spain) and Malopolska (Poland).  |
| 5 Detailed description of the best practice   |  |
| 6 Evaluation                                  | The activity should lead to a new, coherent methodology in public buildings created by partnership based on a holistic procedure and   |

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|   | <p>complete, coherent account of energy reduction proposals which are not usually applied in energy audits.</p> <p>Analysis of the state of the art shows consulting firms often analyse the energy reductions proposals separately considering each proposal in isolation therefore the final results of energy audit rarely reach optimal solutions.</p>                 |
| <b>7 Lessons learnt from the best practice</b>  | The energy audits in GENEGRATION partner regions present often incomplete elaborations which omit several important aspects compared with complete and consistent audit methodologies. By considering the proposals in isolation the possible effect technical and economical solutions of building energy demand reduction is often limited and lower value then optimal. |
| <b>8 Contact information</b>                    | marek.drozd@gmail.com  |
| <b>9 Other possible interesting information</b> |  |
| <b>10. Best practice transferred</b>            | The “Holistic calculation of energy reduction proposals” will be promoted at project events, to partners’ local authority contacts, through the project Advisory Board and on the website.   |