## **MEEF ECM TECHNOLOGY LIST**

| Building Envelope  |  |
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| Insulation   | <ul> <li>Insulation materials (including water vapour barriers, weather membranes,<br/>measures to ensure air-tightness, measures to reduce the effects of<br/>thermal bridges and scaffolding)</li> </ul> |
|  | <ul> <li>Products for application of the insulation to the building envelope<br/>(mechanical fixings, adhesive, etc.)</li> </ul>   |
|  | Energy-related costs of other building materials, if applicable  |
| Windows and doors  | Glazing and/or glazing enhancement, frame, gaskets and sealants  |
| Other building-<br>related measures<br>impacting thermal<br>performance                | External shading devices   |
|  | Solar control systems  |
|  | Passive systems (if not covered elsewhere)   |
| Building Systems   |  |
| Space Heating  | <ul> <li>Generation and storage equipment (boiler, storage tank, heat generation controls)</li> </ul>  |
|  | Distribution (circulator, circuit valves, distribution controls)   |
|  | Emitters (radiators, ceiling floor heating, fan coils, emission controls)  |
| Domestic Hot Water   | <ul> <li>Generation and storage (including solar thermal systems, boiler, storage<br/>tank, heat generation control)</li> </ul>  |
|  | Distribution (circulator, circuit/mixing valves, distribution controls)  |
|  | <ul> <li>Emitters (tap valves, shower head)</li> </ul>   |
| Ventilation systems  | Heat generation and recovery equipment (heat exchanger, pre-heater, heat     recovery unit heat generation controls)   |
|  | Distribution (fans, circulators, valves, filters, distribution controls)   |
|  | Emitters (ducts outlets emission controls)   |
| Cooling (active)   | <ul> <li>Generation and storage equipment (generator, heat pump, storage tank,<br/>beat generation controls)</li> </ul>  |
|  | Distribution (circulator, circuit valves, distribution controls)   |
|  | Emitters (ceiling/floor/beams; fan coils, emission controls)   |
| Lighting   | Light sources and luminaires   |
|  | Associated control systems   |
|  | Applications to increase use of daylight   |
| Building automation<br>and control   | <ul> <li>Building management systems which introduce supervising functions<br/>(separate system controls are accounted for within the specific system)</li> </ul>  |
|  | Technical intelligence, central controller   |
|  | Controls (generation, distribution, emitters, circulators)   |
|  | Actuators (generation, distribution, emitters)   |
|  | Communication (wires, transmitters)  |
| Connection to<br>energy supplies (grid<br>or storage)                                  | <ul> <li>Costs for first connection to the energy network (e.g. district heat, PV-<br/>system)</li> </ul>  |
|  | Necessary related installations  |
| Decentralised energy<br>supply systems<br>based on energy<br>from renewable<br>sources | Generation,  |
|  | Distribution (if applicable)   |
|  | Storage  |
|  | Control devices  |
| *Design and installatio<br>* Irrecoverable VAT un                                      | n costs under each category are eligible<br>der each category is eligible  |

