

**SENTINEL INTERIM REPORTING**

**MONTH 1-18**



This project has received funding *from*

*the European Union’s Horizon 2020 research and innovation programme*

under grant agreement No 837089.

**Sustainable Energy Transitions Laboratory**

**SENTINEL WP X.**

**Report submitted on ...11.2020**

**(Name of completing partner, Organisation,)**

1. Period Activity Summary for Months 1-18, carried out in Work Package X:

(SUMMARY PARAGRAPH- 8-10 lines)

Please provide a concise overview of the progress of work M1-18, in relation to the Grant Agreement

**2. WP X Objectives:**

2.1 Please list WP objectives as set out in Grant Agreement

2.2 Highlight WP Objectives expected after 18 Months

2.3 Provide a summary of progress towards objectives and details for each Task in the first 18 months

3. Short summary of the progresses of the period

3.1 List of the staff actively involved in the WP

* Stratos Mikropoulos
* Mark Roelfsema

3.2 List involved partners from other WPs

3.3 Highlight significant results and progress

* Open source Building Stock, Insulation and Applinaces modules for the residential energy model of TIMER (REMG).
* Development and implemenation of policy components in IMAGE model to allow for implemenation of EU energy & climate 2030 framework, including CO2 performance standards for cars and a building code for residential buildings. The buildings code is also coupled with efficient heating appliances and renewable sourced electricity simulating a NZEB policy.

**4 Arising Issues**

4.1 If applicable, explain the reasons for major deviations from Annex I, GA and their impact on other tasks;

4.2 If applicable, explain the reasons for failing to achieve critical objectives and/or not being on schedule and explain the impact on other tasks as well as on available resources and planning;

4.3 If applicable, propose corrective actions.

**4.4 Coronavirus-specific related issues and corrective actions.**

**5. Outputs and Outreach**

5.1 Events and Meetings related to WP

5.2 Publications and papers in print/ preparation relating to WP

* In preperation: ‘A climate policy framework for developing scenarios in the context of the Paris Agreement’. This frameworks lays the grounds for climate policy implementation in the IMAGE model, and includes the implementation of EU climate- and energy policies
* In preperation: ‘Examining improvements in the residential buildings envelop and their potential to mitigate the global heating and cooling demand‘. Common policies are applied, targeting the insulation application on buildings, and their effect on the buildings sector energy demand and CO2 emissions is projected until 2100.

**Please do not exceed two pages.**

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| **Table 1. Deliverables due at the date** | | | | | | | | | | | |
| **Del. no.** | **Deliverable name** | **Version** | **WP no.** | **Lead beneficiary** | **Nature** | **Dissemination  level[[1]](#footnote-1)** | **Delivery date (proj month)** | **Actual / Forecast delivery date**  **Dd/mm/yyyy** | **Status**  **No submitted/**  **Submitted** | **Contractual**  **Yes/No** | **Comments** |
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## Deliverables due at the date

Please complete this table: Deliverables due for the reporting period

## Milestones in the reporting period

Please complete this table: Milestones are specified for the reporting period

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| **Table 2. Milestones in the reporting period** | | | | | | |  |
| **Milestone**  **no.** | **Milestone name** | **Work package no** | **Lead beneficiary** | **Delivery date**  **dd/mm/yyyy** | **Achieved Yes/No** | **Actual / Forecast achievement date**  **dd/mm/yyyy** | **Comments** |
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1. **Dissemination Level**

   PU: Public

   CO: Confidential, only for members of the consortium (including the Commission Services)

   EU-RES : Classified Information: RESTREINT UE (Commission Decision 2005/444/EC)

   EU-CON : Classified Information: CONFIDENTIEL UE (Commission Decision 2005/444/EC)

   EU-SEC : Classified Information: SECRET UE (Commission Decision 2005/444/EC) [↑](#footnote-ref-1)