SMURBS Midterm meeting PM2, 3-4 June, 2019, Kyiv



Eleni Athanasopoulou (CCG), National Observatory of Athens (NOA), Greece

PLANNING FOR CRITICAL DELIVERABLES

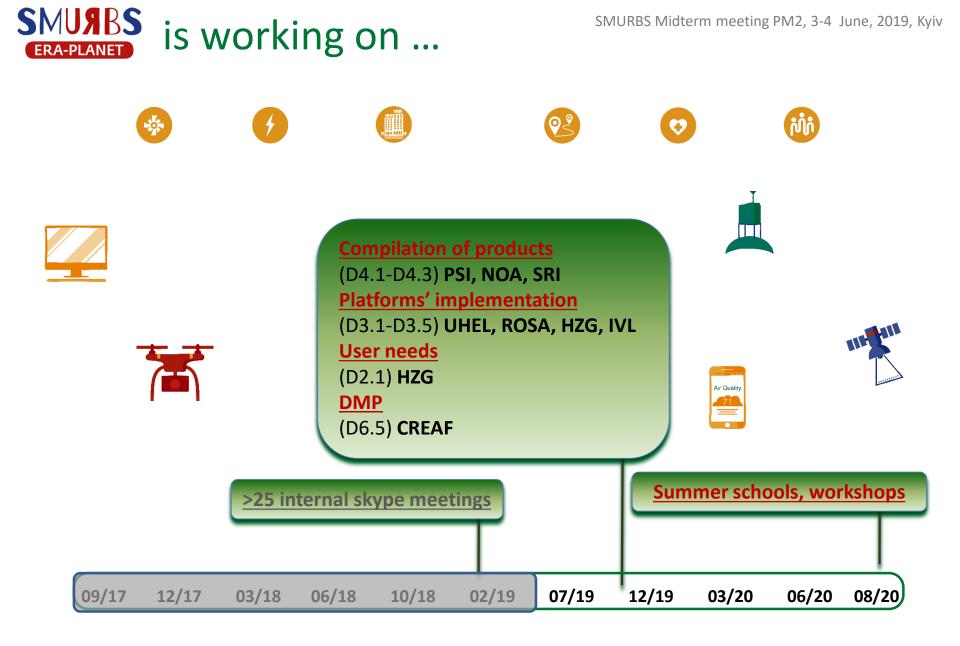






Horizon 2020 Call: H2020-SC5-2015-one-stage Topic: SC5-15-2015 Type of action: ERA-NET-Cofund Grant agreement no: 689443 Proposal acronym: ERA-PLANET











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|-------------|---|-----------|---------------|-------|---------|-------|----------|--------|------------|--------|-------|----|----|-------|-----|----|-------|------|--------------|-------|------|----|-------|------|------|----------------|-------|
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 2 | 017 | | | | | 2018 | | | | | | | | | 2019 | | | | | | | 2020 | | |
| | Execution | | 01 | 011 | Q2 | | Q | : | | 24 | | Q1 | | Q2 | 1 | | 23 | | 24 | G | 1 | | Q2 | 1 | Q3 | | Q4 |
| | Initial Deliverable | 81 | | s / & | | | | | | | 8 / 8 | | 18 | | | | | | | 8/00/ | | | | 5/05 | | 8/~ | 1.00/ |
| | Final Deliverable | | <u>م ^ ہو</u> | 7.27 | <u></u> | 4 | <u> </u> | 27 - W | - 1 | N 7 6° | 700 | 15 | | 17 18 | | 20 | 21 22 | 23 2 | ₩7 6 ₩ 95 | 26 2 | 7 28 | 29 | 20 21 | | 33 3 | ₩⁄₩/₩ 34 35 | 20 |
| | | | 2 3 | 4 | 0 0 | · · · | 0 3 | 10 | | 12 13 | 14 | 10 | 10 | 17 10 | | 20 | 21 22 | 23 2 | 24 20 | _ | (20 | 23 | 30 31 | 32 | | | 30 |
| | Project Milestone Meeting | КО | | | | | | | | PM1 | | | | | MTB | | | | | PM2 | | | | | FI | | |
| | Dedicated Workshop | | | | CO | | CZ | | | | | | | | | | SH | | | | | | | | F | | |
| | Milestone | - M0 | | | | | | | - N | 41 | M2 | M3 | M4 | - M5 | | | - M6 | | | | | | | | M | 47 M8 | -M9 |
| WP1 | Project Management (Mng) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| T1.1 | Coordination of the consortium | | | | | | | | | | | | | | | | | | | | | | | | | | |
| T1.2 | Technical and financial management | | | | | | | | | | | | | | | | | | | | | | | | | | |
| T1.3 | Quality assurance and risk management | | | | | | | | | | | | | | | | | | | | | | | | | | |
| T1.4 | Liaison with Copernicus, GEO, ESA, EC | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WP2 | User requirements and gap analysis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| T2.1 | User needs | | | | | | | | | | | | | | | | | | | | | | | + | + | + | |
| T2.2 | State-of-the-art regarding smart cities | | | | | | | + | | | + | -+ | | | + | -+ | | | | | | | | + | + | + | |
| | mplementation of relevant national and European policies | | | | | | | + | | | + | -+ | | | + | -+ | | | | | | | | + | - | + | |
| T2.4 | Gap analysis | | | | | | | | | | + | + | | | + | -+ | | | | | | | | + | + | ++ | |
| | and citizen observatories data collection, processing and | | | | | | | | | | | | | | | | | | | | | | | | | | |
| T3.1 | In-situ | | | | | | | | | | | | | | | | | | | | | | | | | | |
| T3.2 | Satellite data | | - | | | | | + + | | | | - | | | | | | | | | _ | | | + + | | | |
| T3.3 | Modelina | | + | | | | | + + | | | | - | | | | | | | | | | | | + + | | | |
| T3.4 | Innovative observational platforms | | + | | | | | + + | | | | _ | | | + + | | | | | | | | | + + | | | |
| | acquisition standardization, quality control and harmoniza | | - | | | | | + + | _ | | | | | | + + | | | | | | _ | | _ | + + | | | |
| | ed value products' specifications and synergistic developr | | - | | | | | | | | | | | | | | | | | | | | | | | | |
| T4.1 | Air quality | | - | | | | | | | | | | | | | | | | | | | | | | | | |
| T4.2 | Disasters | | - | | | | | | | | | - | | | + | | | | - | | | | | + | + | + | |
| T4.3 | Urban growth | | + | | | | | | | | + | | | | + | | | + | - | | - | | | + | + | + | |
| T4.4 | Copernicus data and Core Services exploitation | | - | | | | | | | | + | | | _ | + | | | + | | | _ | | _ | + | + | + | |
| T4.5 | Portfolio of Smart Urban Solutions | | <u> </u> | | | | | | | | | | | | | | | | | | _ | | | | | | |
| WP5 | Smart City pilots and case studies | | _ | + | _ | + | | | | | | | | | | | | | | | | | | | | | |
| T5.1 | Pilots planning | | - | | _ | | | | | | | | | | | | | | | | | | | | | | |
| T5.2 | Implementation of pilots and case studies | \vdash | | | | | | | | | | | | | | | | | | | | | | | | | |
| T5.3 | Health impact assessment and indicators | | | + + | | | | + + | | | | - | | | | - | | | | | _ | | _ | + + | | | |
| | nigrant crisis and other social inequalities in human expo | \square | - | | | | | + + | _ | | + | | | _ | | - | | | _ | | _ | | _ | + + | | | |
| T5.5 | Training and replication | | - | + | | | | + | _ | | | | | | | _ | | | _ | | _ | | _ | + + | | | |
| WP6 | | | _ | | | | | | | | | | | | | | | | | | | | | | | | |
| T6.1 | Infrastructure design, development and testing | | - | | | | | | | | | | | | | | | | | | | | | | | | |
| T6.2 | Crosscutting in-situ coordination networks | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Interoperability interfaces with GCI and EU infrastructure | | | + | _ | + | | + $+$ | | | | | | | | | | | | | | | | | | | |
| | ita sharing and management principles, semantic resource | \vdash | | | | | | | | | | | | | | | | | | | | | | | | | |
| T6.5 | Compliance to GEOSS and GEO branding | | | | | | | | | | + | -+ | | _ | + | -+ | | | | | | + | _ | + | _ | | |
| WP7 | Dissemination, communication and exploitation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WF7 T7.1 | Communication strategy and engagement | | | | | | | | | | | | | | | | | | | | | | | | | | |
| T7.2 | Dissemination of scientific results and outreach | | | | | | | | | | | | | | | | | | | | | | | | | | |
| T7.3 | Exploitation and IPR | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | EXploitation and inch EO-based policy making for health and the migrant crisis | | | + | _ | + | \vdash | + $+$ | | | | | | | | | | | | | | | | | | | |
| 17.4 | Eto based poncy making for nearly and the initiant crisis | | | | | - | | | | | | | | | | | | | | | | | | | | | |









SMURBS remaining deliverables ERA-PLANET

(i) 🔒 https://deliverables.era-planet.eu

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| ID | Title | Due Date | Status | |
|---------------------|---|------------|--------|-------------------------------|
| #D1.1.1 | SMURBS - Project Management Plan | 2017-10-31 | DONE | D1-1_NOA_final_v1.pdf |
| #D1.1.2 | SMURBS - Project Management Plan | 2019-02-28 | DONE | D1-1_NOA_final_v2.pdf |
| #D1.2.1 | SMURBS - Quality Management Plan | 2017-11-30 | DONE | D1-2_NOA_final_v1.pdf |
| #D1.2.2 | SMURBS - Quality Management Plan | 2019-03-31 | DONE | D1-2_NOA_final_v2.pdf |
| ¢D7.1.1 | SMURBS - Communication & Dissemination Strategy& Action Plan | 2017-11-30 | DONE | D7-1_NOA_final_v1.pdf |
| ¢D7.1.2 | SMURBS - Communication & Dissemination Strategy& Action Plan | 2018-11-30 | DONE | D7-1_NOA_final_v2.pdf |
| #D7.1.3 | SMURBS - Communication & Dissemination Strategy& Action Plan | 2020-04-30 | TODO | Browse No file selecte |
| #D1.3.1 | SMURBS - Liaison strategy and reporting | 2017-12-31 | DONE | D1-3_NOA_final_v1.pdf |
| #D1.3.2 | SMURBS - Liaison strategy and reporting | 2019-02-28 | DONE | D1-3_NOA_final_v2.pdf |
| ŧD1.3.3 | SMURBS - Lialson strategy and reporting | 2020-06-30 | TODO | Browse No file selecte |
| #D7.2 | SMURBS - SMURBS Website | 2017-12-31 | DONE | D7-2_NOA_final.pdf |
| #D7.3 | SMURBS - SMURBS Leaflet and Brochure | 2017-12-31 | DONE | D7-3_NOA_final.pdf |
| #D6.5.1 | SMURBS - Data management plan | 2018-02-28 | DONE | D6-5_CREAF_final_v1.pdf |
| #D6.5.2 | SMURBS - Data management plan | 2010-08-31 | TODO | Browse No file selecte |
| #D2.1.1 | SMURBS - User needs report | 2018-04-30 | DONE | D2-1_HZG_final_v1.pdf |
| #D2.1.2 | SMURBS - User needs report | 2019-08-31 | TODO | Browse No file selecte |
| #D2.2 | SMURBS - Smart city's state-of-the-art | 2018-04-30 | DONE | D2-2_JSI_final.pdf |
| #D2.3 | SMURBS - Policy and legal framework | 2018-10-31 | DONE | D2-3_ISPRA_final.pdf |
| #D4.4.1 | SMURBS - Essential variables (EVs) and indicators | 2018-04-30 | DONE | D4-4_NOA_final_v1.pdf |
| ‡D4.4.2 | SMURBS - Essential variables (EVs) and indicators | 2019-09-30 | TODO | Browse No file selecte |
| #D6.1 | SMURBS - Design of the SMURBS data and service infrastructure | 2018-04-30 | DONE | D6-1_CNR_final.pdf |
| #D2.4 | SMURBS - Gap analysis | 2018-10-31 | DONE | D2-4_AUTH_final.pdf |
| ‡D4.1.1 | SMURBS - Compilation of "air quality" products | 2018-11-30 | DONE | D4-1_PSI_final_v1.pdf |
| #D4.1.2 | SMURBS - Compilation of "air quality" products | 2010-11-30 | TODO | Browse No file selecte |
| ¢D4.2.1 | SMURBS - Compilation of "disaster" products | 2018-11-30 | DONE | D4-2_NOA_final.pdf |
| ^t D4.2.2 | SMURBS - Compilation of "disaster" products | 2019-11-30 | TODO | Browse No file selecte |
| ¢D4.3.1 | SMURBS - Compilation of "urban growth" products | 2018-11-30 | DONE | D4-3_SRI_final_v1.pdf |
| £D432 | SMURBS - Compilation of "urban growth" products | 2010-11-30 | TODO | Browse No file selecte |
| [±] D4.5 | SMURBS - Exploitation plan of Copernicus data and services | 2018-10-31 | DONE | D4-5_AoA_final.pdf |
| T-Cofund 89443 | | | | |



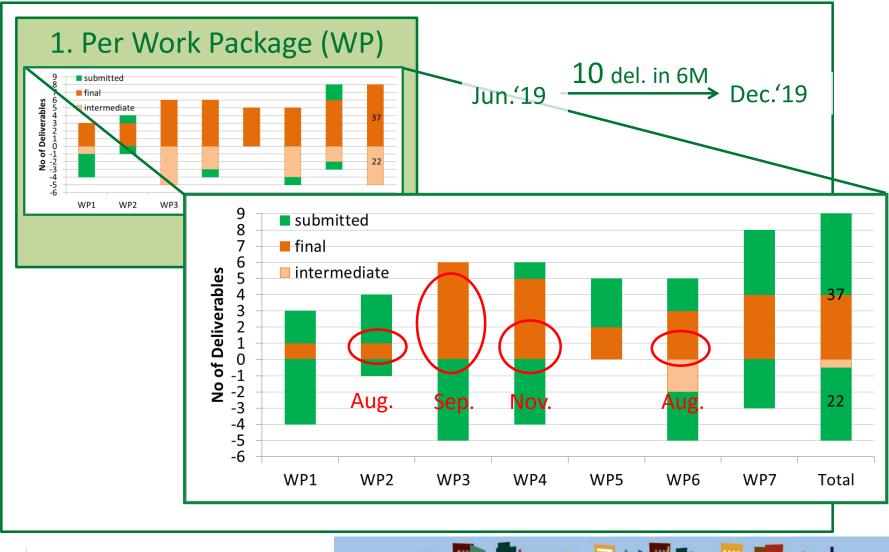
Horizon 2020 Call: H2020-S pic: SCS-15

SMURBS (ERA-PLANET) remaining deliverables

| (i) | https://deliverables.era-planet.eu | | … ⊙ ☆ | Q Search |
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| #D3.1.1 | SMURBS - In situ platforms implementation | 2018-11-30 | DONE | D3-1_UHEL_final_v1.pdf |
| #D3.1.2 | SMURBS - In situ platforms implementation | 2019-09-30 | TODO | Browse No file select |
| #D3.2.1 | SMURBS - Satellite data collection and analysis | 2018-11-30 | DONE | D3.2_ROSA_final_v1.pdf |
| #D3.2.2 | SMURBS - Satellite data collection and analysis | 2019-09-30 | TODO | Browse No file select |
| #D3.3.1 | SMURBS - Modeling platforms implementation | 2018-11-30 | DONE | D3-3_HZG_final_v1.pdf |
| #D3.3.2 | SMURBS - Modeling platforms implementation | 2019-09-30 | TODO | Browse No file select |
| #D3.4.1 | SMURBS - Innovative platforms implementation | 2018-11-30 | DONE | D3-4_IVL_final_v1.pdf |
| #D3.4.2 | SMURBS - Innovative platforms implementation | 2010-00-30 | TODO | Browse No file select |
| #D7.4 | SMURBS - Press kit | 2018-10-31 | DONE | D7-4_NOA_final.pdf |
| #D3.5.1 | SMURBS - Citizen observatories (COs) implementation | 2018-11-30 | DONE | D3-5_JSI_final_v1.pdf |
| #D3.5.2 | SMURBS - Citizen observatories (COs) implementation | 2010-11-30 | TODO | Browse No file select |
| #D5.1 | SMURBS - Selection and design of pilots | 2018-11-30 | DONE | D5-1_JSI_final.pdf |
| #D6.2.1 | SMURBS - SMURBS infrastructure | 2018-11-30 | DONE | D6-2_CNR_final_v1.pdf |
| #D6.2.2 | SMURBS - SMURBS infrastructure | 2019-09-30 | TODO | Browse No file select |
| #D6.2.3 | SMURBS - SMURBS infrastructure | 2020-07-31 | TODO | Browse No file select |
| #D7.5.1 | SMURBS - SMURBS thematic videos | 2018-11-30 | DONE | D7-5_NOA_final_v1.pdf |
| #D7.5.2 | SMURBS - SMURBS thematic videos | 2020-04-30 | TODO | Browse No file select |
| #D6.3.1 | SMURBS - SMURBS infrastructure test report | 2018-12-31 | DONE | D6-3_CNR_final_v1.pdf |
| #D8.3.2 | SMURBS - SMURBS infrastructure test report | 2019-10-31 | TODO | Browse No file select |
| #D6.3.3 | SMURBS - SMURBS infrastructure test report | 2020-08-31 | TODO | Browse No file select |
| #D7.6 | SMURBS - Sustainability Plan | 2020-02-29 | TODO | Browse No file select |
| #D3.6 | SMURBS - EO-platform synergies | 2020-06-30 | TODO | Browse No file select |
| #D4.6 | SMURBS - SMURBS Portfolio | 2020-06-30 | TODO | Browse No file select |
| #D5.2 | SMURBS - Pilots execution | 2020-06-30 | TODO | Browse No file select |
| #D6.4 | SMURBS - Semantic resources | 2020-06-30 | TODO | Browse No file select |
| #D5.3 | SMURBS - EO in health case studies | 2020-07-31 | TODO | Browse No file select |
| #D5.4 | SMURBS - EO in migration case studies | 2020-07-31 | TODO | Browse No file select |
| #D5.5 | SMURBS - Training materials and replication guidelines | 2020-08-31 | TODO | Browse No file select |
| #D7.7 | SMURBS - EO4migration | 2020-08-31 | TODO | Browse No file select |
| 5 10 10 10 10 10 10 10 10 10 10 10 10 10 | SMURBS - EO4health | 2020-08-31 | TODO | Browse No file select |

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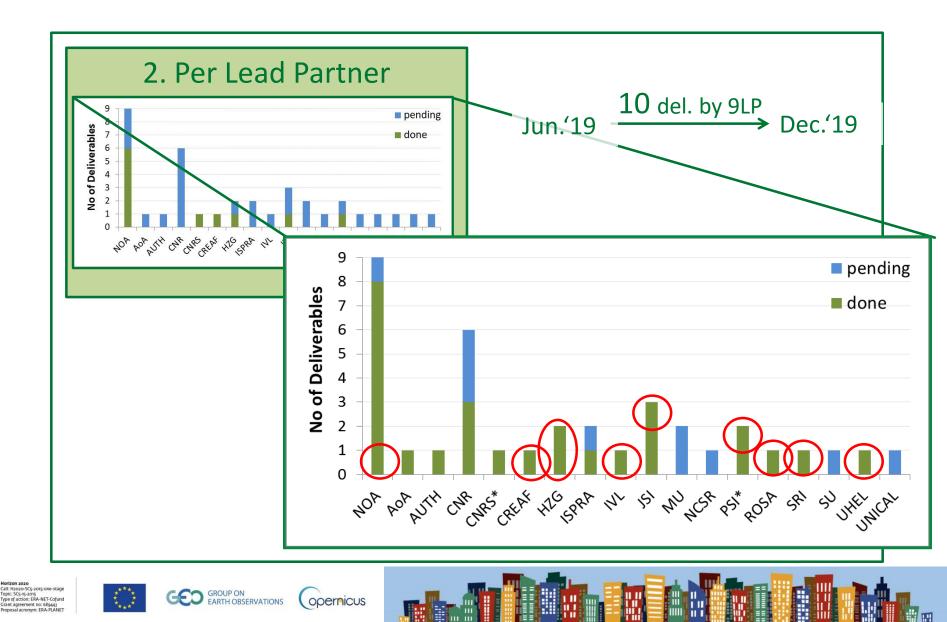


Horizon 2020 Call: H2020-SC5-2015-one-stage Topic: SC5-15-2015 Type of action: ERA-NET-Cofund Grant agreement no: 689443 Proposal acronym: ERA-PLANET



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SMURBS (ERA-PLANET) forthcoming deliverables





- 1. <u>DMP (D6.5)</u> CREAF (Aug. 19)
- 2. <u>User needs (D2.1) HZG (Aug. 19)</u>
- 3. Platforms' implementation (D3.1-D3.5) UHEL, ROSA, HZG, IVL (Sept.-Nov. 19)
- 4. Compilation of products (D4.1-D4.3) PSI, NOA, SRI (Nov. 19)









1. DMP (D6.5) CREAF (Aug. 19)

Some notes from the MRT:

- The section on innovative platforms should include the COs
- Input from all partners, according to the instructions by the Task Leader, Lluis Pesquer <u>l.pesquer@creaf.uab.cat</u>, before the June, 15, 2019.
- Dropbox folder with all existing datasets here:

https://www.dropbox.com/sh/0fpnqfkefges3x9/AABUye37H6aHJgSgRF NXVZZda?dI=0

Steps to be taken:

- 1. Enter your institute folder
- 2. Open, check and fill in the missing information within each file
- 3. Identify if extra datasets -you provide to SMURBS products- are missing, add the respective files and fill them in
- 4. Preferably, make a 'save as' for each of the existing files, so that duplicates are created/progress is tracked







<u>2. User needs</u> (D2.1) **HZG (Aug. 19)**

Steps to be taken, within June:

- 1. Gather any input on needs you may have identified from July 2018 and on, relevant to air quality (and health aspects), urban growth (incl. migration issues) and disaster issues in your city, from any stakeholder you are in contact. Indicative pools of input:
- 2. National/Regional/Local workshops (e.g. Kalamata, Athens, Kyiv, Rome (Astrid and Ines, ISPRA are currently organizing some workshops to gather info)
- 3. Interviews with stakeholders from the public and/or private sector (e.g. already registered in the excel file: <u>https://www.dropbox.com/s/118hals1f5bxtk9/SMURBS_interview</u> <u>ees_v03.xlsx?dl=0</u>)
- 4. Feedback during collaboration, or contact with stakeholders (e.g. Alexia, NOA from the ones interacting for the thematic priority: Migration)







3. Platforms' implementation (D3.1-D3.5) UHEL, ROSA, HZG, IVL (Sept.-Nov. 19)

- Pauli, UHEL coordinates the document for the in situ platform
- The involvement of citizens (COs) is now more important in SMURBS (NOA, SRI, UHEL, IVL, ??) and should now update the respective document (Led by David, JSI)
- Andrii, SRI coordinates the document for the Satellite platform. He proposes to add a section on SDG relevant indicators (aided by satellite data)



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4. Compilation of products (D4.1-D4.3)

PSI, NOA, SRI (Nov. 19)

- A template to gather information on the product, serving for web demonstration of SMURBS will be developed and circulated through the coordinators (NOA)
- "How would you sell your products?" This is a 'key question' that each partner should answer when describing their solutions. The final version of each of these 3 deliverables should (also) serve as a 'show off' of SMURBS products.
- Please, make sure that all of your products are asked either by PSI (air quality and health) or NOA (disasters) or SRI (urban growth and migration). In other words, we are all asked to provide info for each of our solutions (even if not asked to do so) to the responsible task leader (e.g. ILiAD should be now added to the disaster products, D4.2).





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