

18 September 2022



**SUBJECT / SUJET: Buildings – R&D: New construction methods.**

**SOURCES & METHODS INVOLVED / SOURCES ET METHODES EMPLOYEES**

- |   |   |
|---|---|
| <input type="checkbox"/> Investigation / Enquête                      | <input type="checkbox"/> Strategic planning / Planification Stratégique |
| <input type="checkbox"/> Documentary monitoring / Veille documentaire | <input type="checkbox"/> Instruction / Instruction                      |
| <input type="checkbox"/> Lobbying / Action lobbyiste                  | <input type="checkbox"/> Profiling Simulation / Simulation Profilage    |
| <input type="checkbox"/> Field Intervention / Intervention terrain    | <input checked="" type="checkbox"/> R&D / Recherche & Développement     |

**CONFIDENTIALITY LEVEL / NIVEAU DE CONFIDENTIALITE**

- Classified / Classifié
- Declassified / Déclassifié
- Sensitive / Sensible
- Confidential / Confidentiel
- Secret       Top Secret

**STATUS / STATUT**

- |   |   |
|---|---|
| <input type="checkbox"/> Pre-project study / Etude avant-projet | <input checked="" type="checkbox"/> Started / Démarré |
| <input type="checkbox"/> Stand-by / Mise en attente             | <input type="checkbox"/> Adjourned / Ajourné          |
| <input type="checkbox"/> Completed / Finalisé                   |   |

**RESULT / RESULTAT**

- Achieved / Atteint
- Partially met / Partiellement atteint: 84 %
- Not Achieved/ Pas atteint

**AREA / ZONE: Worldwide**



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## 1- OBSERVATION / CONTEXT

- Reminder following report 5V327\_IRRA003\_UNRE:
  - In accordance with report 5V327\_IRRA001\_INTI, the assignment aims to implement architectural solutions for non-residential buildings (offices, factories, schools, administrative buildings, etc.) in order to bring a substantially positive impact on the physical and psychological health of the persons using it.
- Lobbying have been carried out since 2019 on architect and researcher organizations, aimed at convincing them to study and experiment the methods described in report 5V327\_IRRA003\_UNRE (see report 5V327\_IRRA006\_ACLO).

## 2- OBJECTIVES

- According to report 5V327\_IRRA004\_PLST:
  - State on the experiments performed by architects and researchers.
  - Help to improve and promote geopolymer materials.
  - After several years of attempts to increase awareness among the targeted corporations, training programs, including radionics and geomancy, have been put in place for the selected professionals.

## 3- ACTIONS

- Dec. 2019: the selected Owl units are starting their training (refer to report 5V327\_IRRA007\_REFO).
- Jul. 2020: deployment of Owl units in several networks related to material researchers and architects within the target sectors.
- Compilation of results coming from targeted researchers and architects affected by lobbying actions (see report 5V327\_IRRA006\_ACLO).
- As from Aug. 2020: support has been brought to researchers and architects in further enhancing, particularly geopolymer materials.
- As from Oct. 2020: larger-scale training of researchers and architects in areas such as, for example, radionics and geomancy.

## 4- RESULTS

- R&D brought the following outcomes:
  - The use of natural raw materials significantly reduces the isolating effect from the environment.
  - These materials are wholly environmental friendly.
  - These materials are highly resistant while being malleable enough to allow easy shaping.
  - These materials are exceptionally durable and do not require strong maintenance.
  - No harmful impact on health has been noticed following in-depth studies on the matter.



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- As mentioned in report 5V327\_IRRA006\_ACLO, architects initially expressed strong resistance to methods such as radionics and geomancy, which they considered to be a “non-serious approach”. However, after experimenting these methods, they fully attested the strong beneficial impact of these methods on human physiology.
  - Lobbying actions by our teams are currently ongoing, with the participation of these architects.
- Architects being more receptive to radionics and geomancy, the training campaign has been successfully launched and is still underway.

Report writer

