

# Request for Proposal - Computational Design Consultancy (Paris)

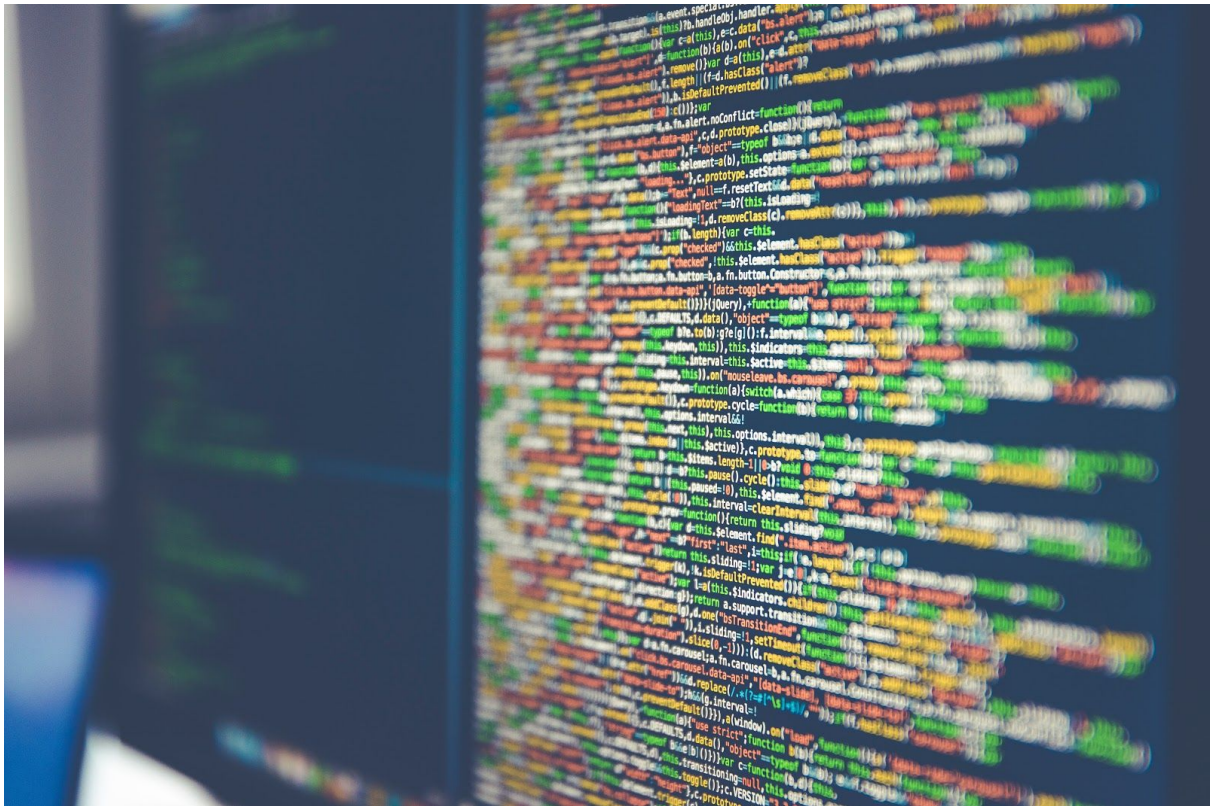


Photo by Markus Spiske on Unsplash

## About VOLUMES

VOLUMES is a creative and productive hub hosting a coworking space, a makerspace and a foodlab. Established in 2014 by a collective of transdisciplinary designers and changemakers, Volumes is located in the lively 19th district in Paris.

The hub gather communities, run events, host startups and big corporations, incubate projects that investigate the fields of collaborative economy, smart and productive cities, computational design, digital manufacturing, food design and food innovation.

Since 2015, Volumes hosted a diverse community of freelancers, international NGOs, companies and start-ups such as Ouishare (international network for collaborative economy and open innovation), Stample (collaborative knowledge platform), Civicwise (international network for collaborative urbanism), La Ruche Qui Dit Oui (Local Food Distribution Platform), Open Source Democracy (digital participation and democracy platform), etc...

In 2016, Volumes initiated with other local labs and coworking spaces the Fab City Grand Paris movement and joined the Fab City Global Initiative to make cities more locally productive and globally connected. The ambition of VOLUMES is to establish one of the most vibrant community of changemakers in Europe, especially focusing on how such experimental hubs can play a major role to shape the future of our cities.

Learn more about Volumes at

[facebook.com/volumesparis](https://facebook.com/volumesparis)

[facebook.com/FoodlabParis](https://facebook.com/FoodlabParis)

[instagram.com/makerspace\\_volumes](https://instagram.com/makerspace_volumes)

[volumesparis.org](https://volumesparis.org)

## Context of the Request for proposals

Volumes is a member of the consortium working on REFLOW, an EU H2020 funded project running from 2019 to 2022, that seeks to understand and transform urban material flows and to co-create and test circular and regenerative solutions at business, governance and citizen levels.

Within this project, one of the key actions assigned to Volumes is the creation of a series of educational activities and an incubation program to embed computational design strategies in circular economy.

During the first phase of the project, Volumes team designed, prototyped and tested a platform called Driven x Reflow that gather the mentioned educational and incubation activities.

Learn more:

- Reflow project website <https://reflowproject.eu/>
- Driven by Volumes website <http://drivenbyvolumes.io/>

## Role and Key Responsibilities

The Expert we are looking for will follow closely the incubated projects and take an active part to the program. Specifically he will contributed by:

- participating to the Collective Milestone Sessions meetings with incubated projects and provide feedbacks, comments and guidance (2 hours per month)
- take on individual sessions with specific incubated projects which need specific expertise on Computational Design and Artificial Intelligence (up to 1 hour per month)

The Expert may also be asked to provide feedbacks regarding the following points (up to 1 hour per month)

- contents and methodology of the educational and incubation activities
- choice of mentors, tutors and other experts
- selection of the incubated projects

## Profile and Skills

Volumes is looking for highly experienced and inspired professional with a strong and international recognition in the fields of computational design and advanced fabrication.

The following skills are requested :

- English fluency
- Strong expertise in Applied Research and Education in Computational Design and/or Architecture

- Expert in 3d modelling and coding
- Expert in digital fabrication
- Excellent communication (online/offline) and collaboration skills

Expertise in Machine Learning, Robotics and Entrepreneurship would be a plus

## Type of contract

The consulting company applying is requested to provide an estimation cost for the period going from February to December 2021.

## How to submit a proposal

Please send your proposal to [francesco@volumesparis.org](mailto:francesco@volumesparis.org) using the subject line “Proposal for Computational Design Consultancy (Reflow Project)” including :

- *a short letter of motivation (in the body of the email)*
- *a CV (attached)*
- *a Portfolio (attached or link)*
- *an estimation cost including an estimated monthly workload and schedule (attached)*

Please submit your proposal **before Sunday Feb. 7th (2021) -**

Interviews are scheduled on **Thursday Feb 11st (2021) -**

Launch of the operations are **scheduled for Feb 12th. (2021) -**



Reflow project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 820937.