

Open science and dissemination for Global Public Health: The CLIMOS Project's innovative approach.



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In today's world, at every step we can find different platforms that display information related to the impact on human health. The number of platforms grows from year to year, which is good, but it also brings with it questions about the relevance of those platforms and their survival after commissioning and the first year in operational mode.

Many platforms serve to inform citizens at the state level for the sake of their public good.

In this, we can notice a big shortcoming right from the start, and that is because each platform is based on the state level, and so is the data used for research. The disadvantages of this way of information are numerous, and I will mention only some of them.

Imagine a scenario where a tourist went from one country to another during a summer/winter vacation. In addition to all the important information that he should pay attention to, he should also find a platform that shows about climate or some other changes at the level of that country, and that in the original language of the country he is visiting. This is a very difficult and complicated process, and most users give up and are guided by the awareness that if information is not shared in service news on television channels, it means that nothing important is happening. This is just one of the many difficulties that exist in today's digital world.

Centralization of collected data, exchange of collected data for scientific purposes and for the public good are the first steps for the development of a universal

platform that could cover parts of the continent and even the continents themselves. By developing such a universal platform, they would drastically reduce the digital footprint (global warming), raise the awareness of citizens for self-informing to the high level, and open the door to science and further research.

The platform related to the CLIMOS project is one of the originators of this pioneering thinking, and with its diversity of data at its disposal, as well as the scientific team behind it, it gives a chance to reuse previously collected data and at the same time serves as an example that such a thing is possible.

Of course, many technical features, open policies as well as the scientific approaches themselves need to be developed in detail, to make clear regulation for data share and all of that requires time, resources, the creation of transdisciplinary scientific teams, technology development teams, and above all the support of the most relevant stakeholders, namely governments.

CubexLab's policy tends towards that every project developed from CubexLab side and it is related to digital products contains modular parts and therefore the possibility of integration into different systems for different purposes. From the earliest stage of development, we take care of every small detail and thus prevent problems that may arise at a later stage of the project, and in this way, we achieve the before mentioned modularity of the developed components.

Behind the finished design of the future CLIMOS platform, CubexLab preformed detailed research on how the future platform will be used and who are its end users, and with that in mind delivered a modern design that fully follows the end users' requirements.

There is still a lot of hard work, but with all great team members from CLIMOS consortium I strongly believe in success of this project.

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