

LIVIA RIBEIRO DE SOUZA

Co-Founder and Chief Technology Officer at Mimicrete Ltd.

Lucia Sinapi-Thomas, Executive Director of Capgemini

Turning to you, Livia, if you had a wish list can you see any regulatory features that would help you on that path?

Livia Ribeiro de Souza

If you had only asked for my wish list I would just have said that we need more money. However, on regulations, I like what Thierry said this morning, if I understood it correctly. He said short-term realism and long-term idealism. For us, it is also about how the regulations are, so we are trying to implement a new technology in an industry that has been around for 2 000 years, and a technology that has been around for 20 or 30 years, so we are talking about a timeframe of 1%. It takes time, and we want to take this time, because what we want first and foremost for our infrastructure is the safety of everyone involved. It takes time to implement a new technology on a construction, and we are working with a company in the UK for investigate the pathways for this implementation. Currently, we need a departure from a standard, which can take from a couple of weeks to a couple of years. So, what we are doing at the moment is liaising with organs in the UK that are responsible for standardization of our products. However, our long-term vision is that the codes can be modified to account for this new technology. In a way, what I envisage is that in maybe 10 or 20 years you will see changes in the Euro code, which will set guidelines for using traditional concrete and for using self-healing cementitious materials, and this will speed-up our process quite a lot.