

# ALLEN ALI MOHAMMADI

## Co-founder of Hippogriff AB

### Patrick NICOLET

We will go back now to artificial intelligence, but in a completely different environment, which is healthcare, so, Allen, over to you.

### Allen ALI MOHAMMADI

Thank you Patrick. My name is Allen, I am the CEO and co-founder of a company called Hippogriff from Sweden, and we are active in healthcare. I am humbled to be part of this panel and would like to thank Capgemini and the World Policy Conference for inviting me.

I would like to start by giving you a little bit of background and why I am here today. Every day, when we wake up, we have a choice, we can focus on what is right with our lives, or we can focus on what is wrong with our lives. I believe that focusing on what is right with our lives, rather than focusing on what is wrong with our lives, is the best way to fix what is wrong with our lives. Moreover, focusing on what is right with the world is the best way to fix what is wrong with the world. For me, everything started from a tragedy a few years ago. My grandmother had a heart attack on my cousin's birthday, and she died suddenly. Imagine how tragic it was. She did not have any signs or symptoms and died in a moment. The birthday party, where everyone was happy and celebrating a person's existence, turned into a funeral. Looking at the statistics, heart disease is the number one killer all around the world. In fact, every two seconds a person dies from a heart disease. The problem, however, is not the heart disease itself, it is the late detection of the disease that kills most of the people, and basically many people do not know they are sick, until it is too late; like my grandmother.

The sudden death of my grandmother changed my world-view and created a big question mark. I thought: why was there no way to detect her disease at an early phase, and what if we could have saved her life? That was the ignition to start developing our innovation, called Heartstrings, a life-saving tool that uses artificial intelligence to detect heart disease before it is too late.

What happens today when you have a symptom? You go to doctors, they examine you, take a blood test, ECG, and, in many cases, send you for an angiography operation, which is very expensive and invasive. In many cases, an angiography is not necessary. This unnecessary operation translates to a EUR 100 billion in additional cost each year, which is enough to cover the entire Swedish budget this year. On the other hand, there is a lot of data generated before an angiography, and we believed we could utilise the existing data and turn it into a valuable insight. If you think about it, a huge amount of data is generated every single day in any sector. Imagine how the world would look if we employ machine's intelligence in the right way, and through appropriate policies. This can lead to industrial transformation and significant improvements in all sectors because everything is connected. Imagine how impactful it can be for us as humans.

In our case, the question was, how should we do that? How can we address one of the greatest challenges of healthcare, with what already exists, with what we have? That is the point. We are living in a time where we have access to advanced technologies and high-quality infrastructure that can empower us to tackle the challenges we are facing. We developed our unique artificial intelligence algorithm that uses the existing parameters, like electrocardiogram and demographic data, to detect heart disease at a significantly earlier stage, even if the patient does not have any symptoms.

I am proud that a project, which started a few years ago, just out of curiosity, has been validated in two different clinical trials and tested successfully with more than 46 000 patients. This resulted in receiving several national and international awards and recognitions. Today, thanks to my interdisciplinary team of cardiologists, doctors, and



computer scientists, we are offering a technology which is twice as accurate, 10 times faster, and 49 times cheaper than the existing methods and which can save millions of people each year.

This gives us confidence that we are not only the next innovative company, but a venture. A venture with a social mission. We believe that we can transform the quality of healthcare for every individual. Our vision is to save at least one million lives each year.

When you lose someone that you love, you realise the value of every single moment you could be with them. We are building a movement to save those valuable moments. From the stage of the World Policy Conference, I would like to invite all of you to join us to save millions of lives.

Thank you.

**Patrick NICOLET**

Allen, thank you for the personal exposure. What I draw from your presentation is that this is a people-centric technology development, so it starts from the people, not necessarily from the business opportunity, and I would say that we see it more and more, it goes with this evolution, the customisation, and we heard it and its drivers previously. Having said that, from a policy standpoint, it creates a problem, because the way you will go through your approval is not necessarily what these processes have been defined for, and as you said, it is multidisciplinary, and as such, it requires a more systemic approach, notably, again, we are back to the question of data governance, which is a fundamental question.