**Smart cities solution for improving emergency response in Hylte**

**Issues**

First of all, there is a problem of distance about the hospital. In case of emergency, the closest hospital with all the specialists is 30min far from Hylte, in Halmstad. People there worry about their health and the lack of health care services is important.

Also, the city is quite spread and it is a problem for nurses to visit several patients in a short time. They need time to drive to their home and this time is wasted.

This is a problem both for nurses and patients because they can start worrying if it takes time to be helped.

Nurses don’t have time to make report in details of the consultation and just write down everything on a paper. That is not a good way to keep personal information, people’s privacy is not respected. On the other hand, information written on a paper can be lost easily and may be not send correctly to other professionals.

Hylte is the city in Sweden which hosts the most of immigrants. Therefore, they must be well-integrated there. They have the same rights as everyone else and have to be informed about the health services. It is necessary to promote health and well-being in order to make them feeling comfortable.

In this project, it is important to take in account all the actors who might be concerned. Emergency department, nurses and caregivers have their opinion and their needs. That is why we have to meet them, to collaborate and start developing innovative solutions depending on what they really need. The patients opinion have a key role to play for us to suggest the right solution thanks to their experience.

**Ideas**

* Fast detection of the problems indoor before emergency call (falls, heart attack etc..)
* Act on the time of intervention of emergency services
* Vocal assistant (first aid, advices..)
* Adapt traffic for emergency cars
* Telemedicine

MIT MediaLab