

Challenge name	The underground challenge
Challenge + +	Dutch police + + + + + + + + + + + +
owner + + +	+ + + + + + + + + + + + + + +
+ + + + +	-Marcel Derks (first contact) + + + + + + + +
+ + + + +	Martijn Hekster Holes Haverkate
Brief summary	Drug production in The Netherlands does not seem to be
+ + + + +	increasing, while we are encountering fewer production
+ + + + +	sites. This makes us believe that more and more drug production sites are moving to underground locations.
+ + + + +	Existing detection tools are no longer adequate. Our+ +
+ + + + +	challenge is to develop a technical tool to detect + + + + + + + + + + + + + + + + + + +
+ + + + +	involved. + + + + + + + + + + + + + + + + + + +

About the challenge owner

During our work we are frequently confronted with the consequences of drug production in the Netherlands. serious pollution of the environment, dangerous living situations for and danger to public health. Our mission is to prevent this situation by early discovering and dismantling production sites

Challenge description +

In the past, we tended to look for hemp growers by flying helicopters over the densely populated areas on days when it had snowed. Rooftops that were free of snow were an indication that something criminal was done there. With the growing number of drug labs, we had to improve our identification techniques. This has helped us a lot, but now it seems that criminals are taking their production sites underground, where our current localization techniques are not sufficient.

We encountered underground labs before, and found an array of hardware that produces vibrations, specific sounds, or operates at certain wavelengths. We are currently unable to locate these labs from above the ground, and we are not allowed to simply enter any building without a permit. This is where we need you. We want you to come up with innovative ideas to detect underground drug labs from above. The public prosecutor is heavily interested in this process, and your contribution might be groundbreaking in our pursue to catch criminals.

Challenge pictures and company-logo





