

**Paris Session
2022**



**Wildfire detection system
using artificial intelligence with the
collaboration of the web society**

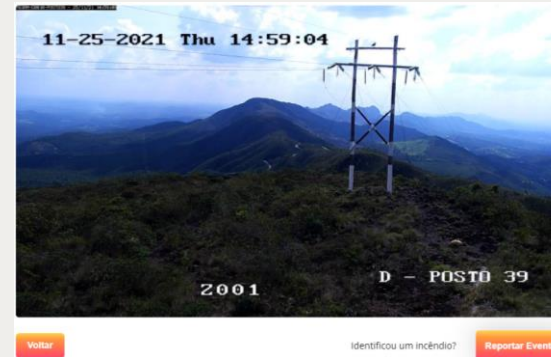
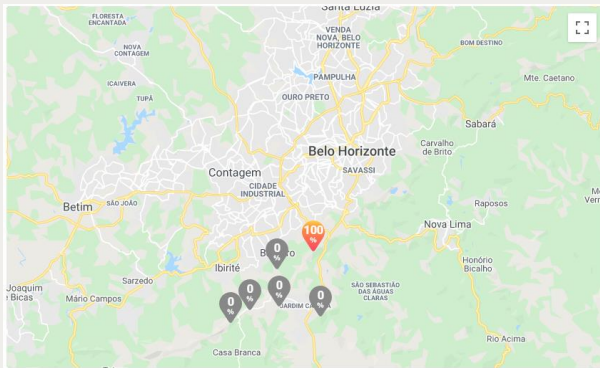
**Study Committee Overhead Lines B2
PS3 – Q3.17**

C. Nascimento - BRAZIL



Sharing cameras from other sites

Question 3.17: Has this system already been tested in order to be used for the electrical grid? **Yes, in tower of 345 kv OHL and in r.o.w of OHL and DL.** How is the training especially for pictures and error detection done? **The same procedures of landscape video IA detection and web society interaction.**



Google map of Rola Moca State Park around Belo Horizonte City, local vegetation, posto-39 site near 69 kV OHL, PTZ camera movement of 39 site.

This contribution shows the intangible and innovative efforts to bring the web society collaboration for better acceptance for O&M and construction procedures of OHL with society worried about climate changes.

Group Discussion Meeting

Install cameras from in R.O.W of OHL and DL



the energy supply to camera continues to be hard task to do in such remote.



This experimental result proves that the IA detection works in the R.O.W of OHL and DL assets.



The website & APP applications have been created with the aim of promoting the interaction between web society and the computer vision system.

False Alarms EXIST



Group Discussion Meeting