

Forest Sound-Track

City Forest Visitors' Challenge
MakeZurich Vol.II

Oleg and Afsoon
And thanks to Baxter and Tillo



Approach:

Sound Measurement & Machine Learning

Goal:

Count/ Identify/ Classify/ Trace



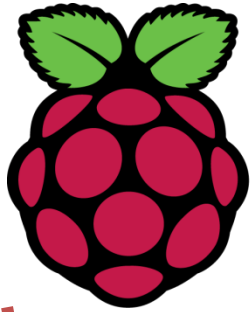
Use Cases:

- Schools/Research
- Parks and Openspace planning
- Bird Watchers
- etc



- Training Dataset:
- Crowd sourced Data :
Xeno-Canto
- Feedforward Neural Network





Raspberry Pi



Alert to user's device



•Which bird?

•Where?

•When?



