OSHW in Humanitarian Applications

Akiba
FreakLabs, Tokyo Hackerspace
OSHW and Humanitarian Apps

• Why do humanitarian applications need OSHW?
bGeigie
bGeigie
bGeigie
bGeigie
bGeigie
bGeigie
bGeigie

• Hee hee hee
bGeigie

- [https://github.com/freaklabs/bGeigie](https://github.com/freaklabs/bGeigie)
nGeigie
nGeigie
nGeigie
nGeigie
Time Series Change

- Open data, publicly downloadable
- Already basis of academic research and papers
nGeigie

• https://github.com/freaklabs/nGeigie

• http://radiation.yahoo.co.jp
Arashi – Weather Monitoring

Gaps in the weather map
The location of the world’s key weather stations shows huge areas where information is not gathered

SOURCE: WORLD METEOROLOGICAL ORGANISATION
Arashi
Arashi

• Joint Project through UNESCO

• Open weather monitoring

• https://github.com/freaklabs/Arashi
Thank You!

• A big thank you to the OSHW community!

• None of this would have been possible without everybody’s help and contributions

• Questions?