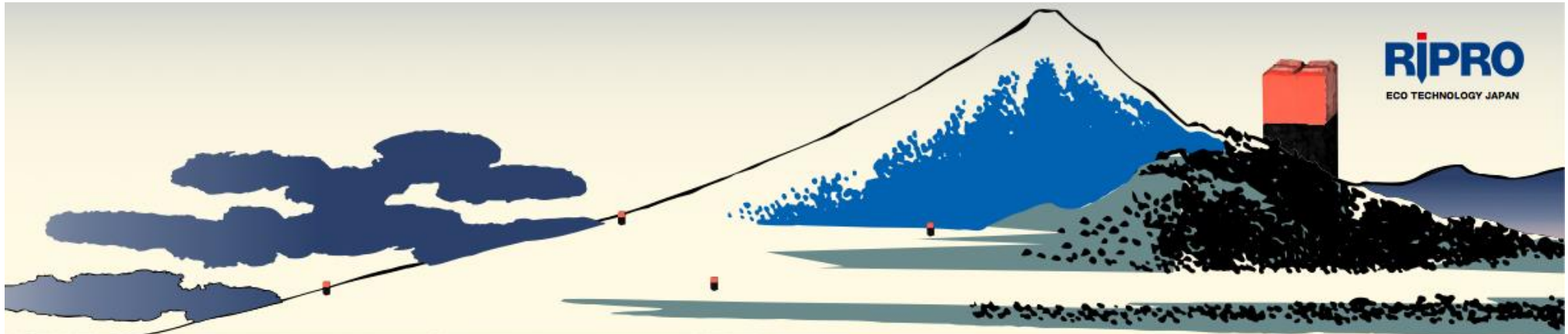


RIPRO Corporation

Okayama, Japan



Activity

1) Company Profile

Ripro Corporation is a major **Japanese survey marker manufacturer** supplying approximately **60%** of the markers in Japanese survey market.

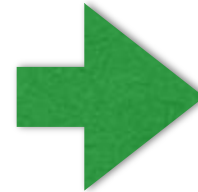
A leader in recycled products, Ripro has been producing survey markers from recycled plastic materials for **39 years**.

Located in **Okayama** (metro population: 1.9 million), 730 km southwest of Tokyo, with sales of 1.6 billion Japanese Yen (\$17,400,000), Ripro is the world's largest manufacturer of survey markers, producing **5 million survey markers** per year (using over 4.5 ton of recycled material).



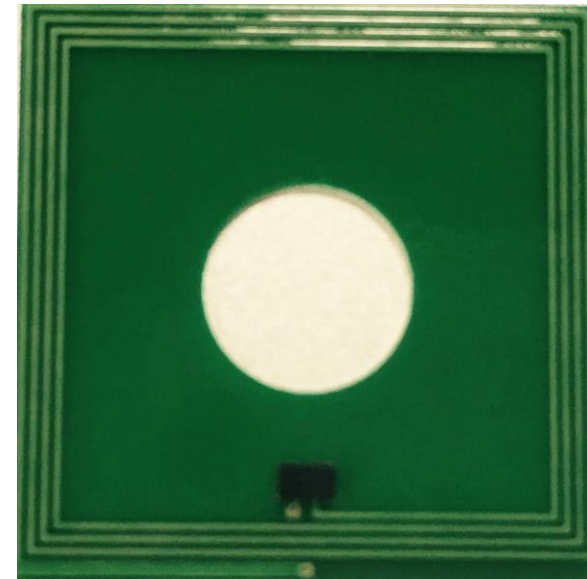
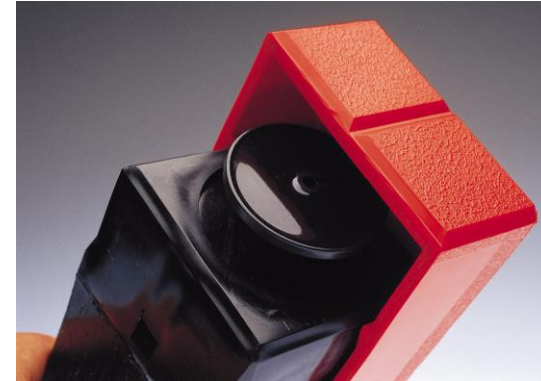
Ecological Contribution

- RIPRO manufactures 5 million markers, saving 3500 tons (7.7 million lbs) of plastic waste such as packing film, plastic boxes, etc. in each year! Having first sold Eco recycled plastic markers 45 years ago, means 3500 tons x 45=157,000 tons (315 million lbs) total plastic waste saved.
- Eco Recycled plastic marker results in spreading new survey eco contribution!
- Trash, Plastic Waste is re-born as survey markers by Eco technology, resulting in helping save the environment by providing longer life for these plastic materials.



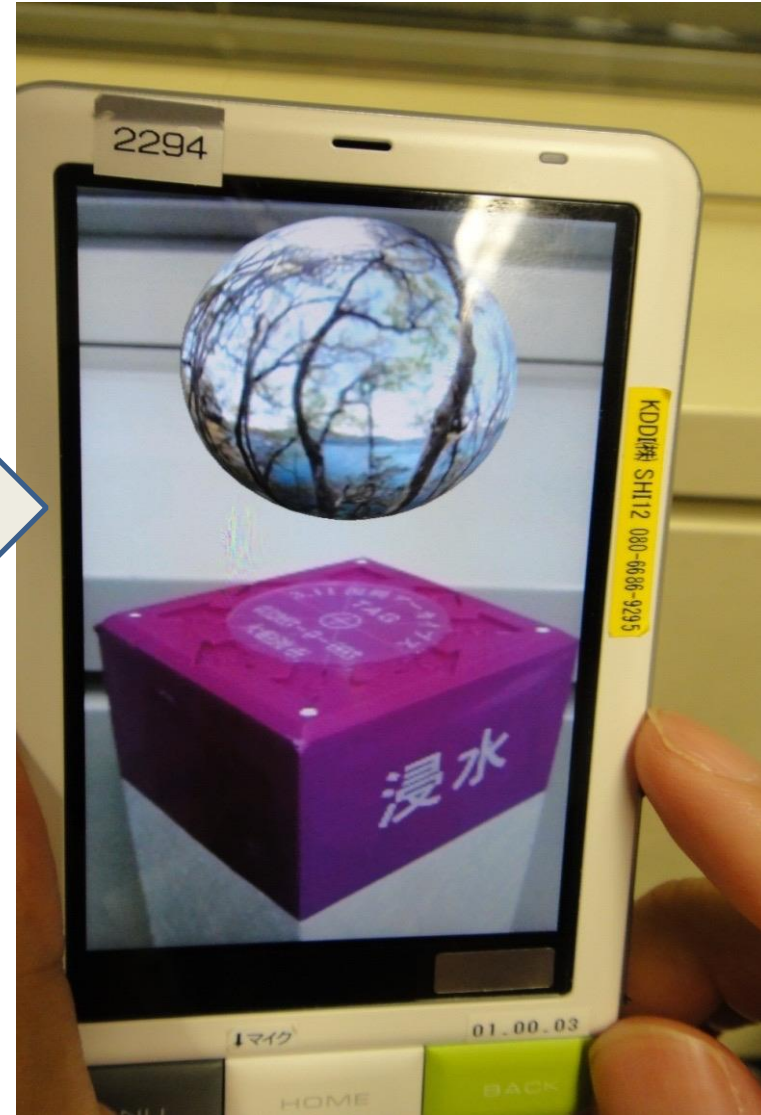
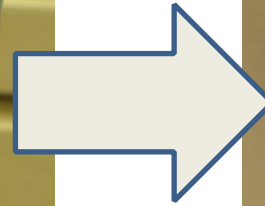
Eco technology to survey maker!

What is Tsunami Marker?



Recognition- Most Japanese Knows Eco Plastic marker
Memory and trigger for cyberspace-RFID IC tag
Reading information tool-SMART Phone
Long Life use-Housing inside stake

Augmented Reality Technology with Tsunami marker (KDDI Corporation & RIPRO)



What is inside Tsunami Information Marker?

Example:

1, Photo

2, Map

3, XYZ coordination

4, Administrator name

5, Telephone number

6, Land owner

7, Japan GSI position code

8. Web address

9. Unique Code



復興情報杭とは？

『復興情報杭』ICタグ



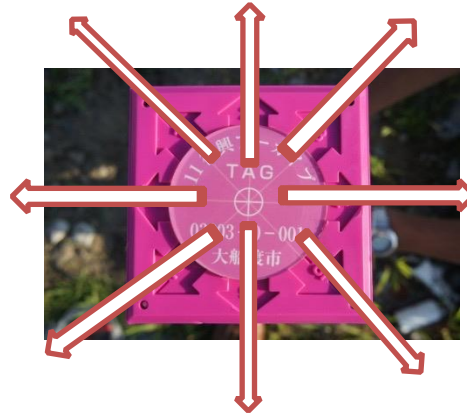
QRコード読み取り



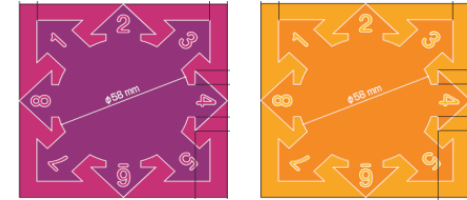
RFID(ICタグ)読み取り



現地で方向アナログナビ 【杭には現場絶対視認性！】



浸水・非浸水で色分け



スマートフォン画像(イメージ)



情報杭アーカイブス

名称 : 〇〇〇
 設置日 : 平成23年12月5日
 所有者 : xxxx
 連絡先 : △△△-△△△△
 位置情報 : X Y Z
 場所情報コード : ●●●●●
 方角写真 :
 災害情報教材 :
 社会科見学・修学旅行 :
 観光利用 :
 位置情報利用 :
 URL : <http://www.oo.co.jp>



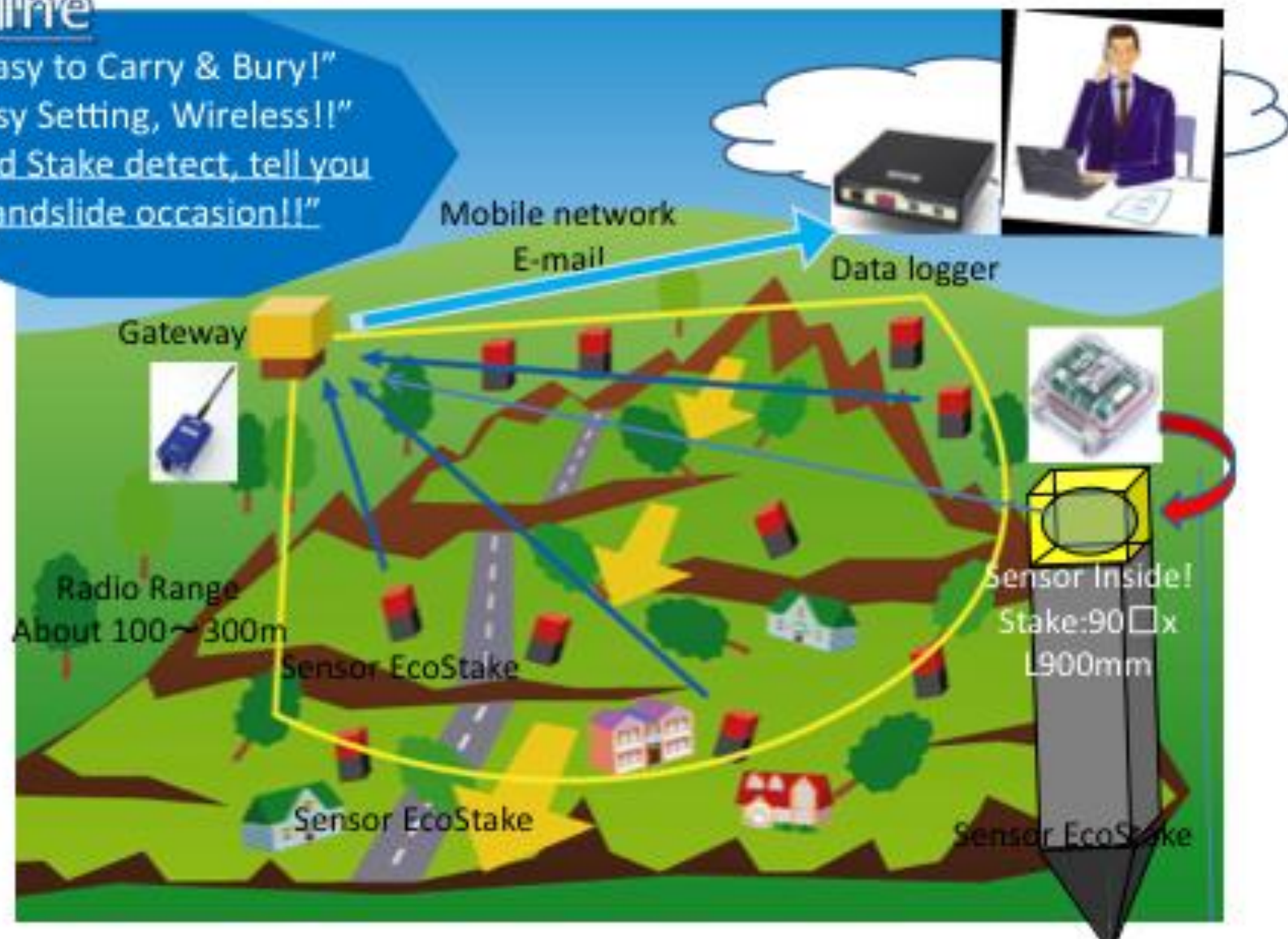
撮影方向の指示と
RFIDを認識したアーカイブスの目標写真の表示

Landslide Detection Sensor Marker 2012



Outline

“Easy to Carry & Bury!”
“Easy Setting, Wireless!!”
“Field Stake detect, tell you
Landslide occasion!!”



Thank you for international cooperation
and donations for Japanese disasters
2011-2016



Ripro Corporation
1186 Nakaune
Okayama, JAPAN 701-0213
Tel: +81 86 298 2281
www.ripro.co.jp (Japanese)
www.ripro-gl.com (English)