



Planet Labs helps you detect and act on change by imaging the whole Earth everyday.





Challenges



Limited Coverage



Low Revisit Rates



Slow Access

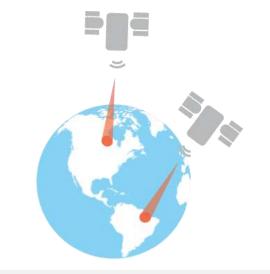


Traditional Approach

- Tasking
- Low coverage
- Weeks to gain access
- Expensive



- Monitoring
- Global coverage
- Daily online delivery
- Affordable









Our Solution



Global Coverage

Planet's constellation of satellites is always-on, imaging the entire Earth every day



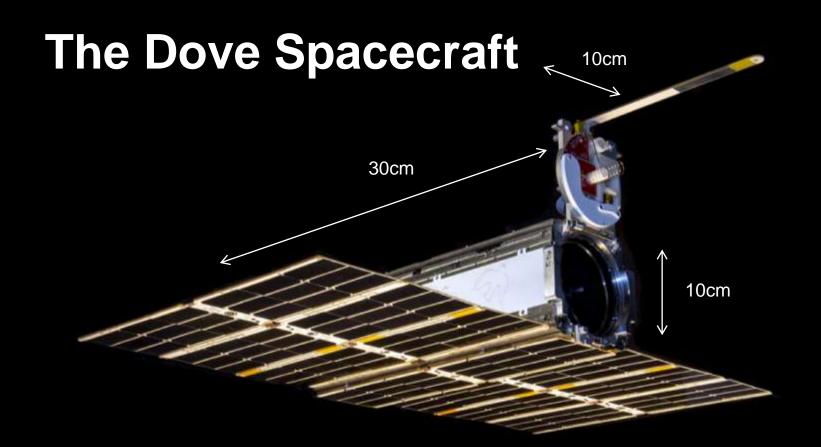
Fresh Data

Fresh, daily imagery helps you detect anomalies, take action and capitalize on change



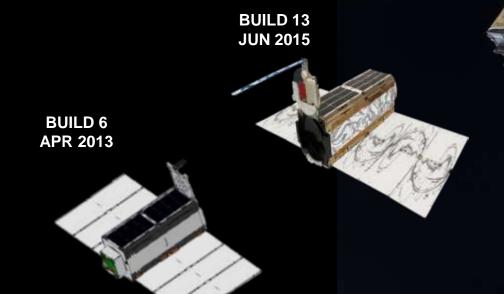
Easy Access

Integrate same-day imagery into your processes with Planet's APIs or online tools



Agile Aerospace

BUILD 1 APR 2012









End-to-end System

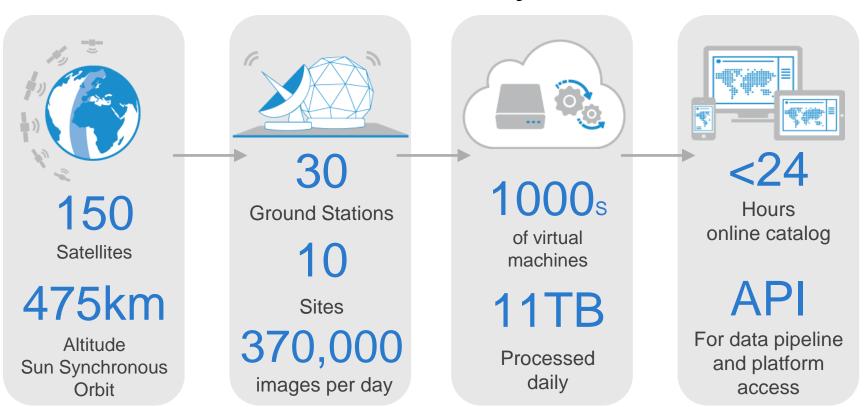
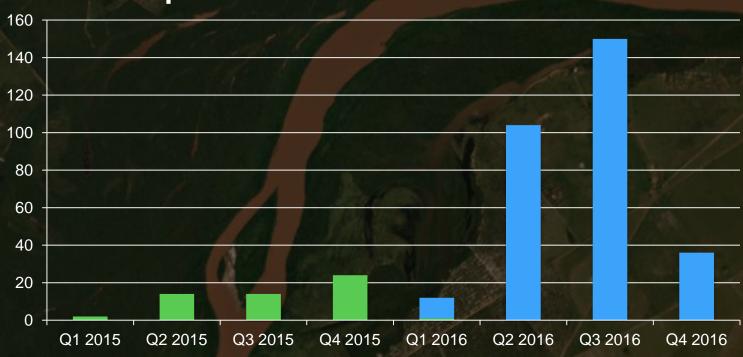
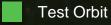


Image whole Earth everyday

Unprecedented Launches

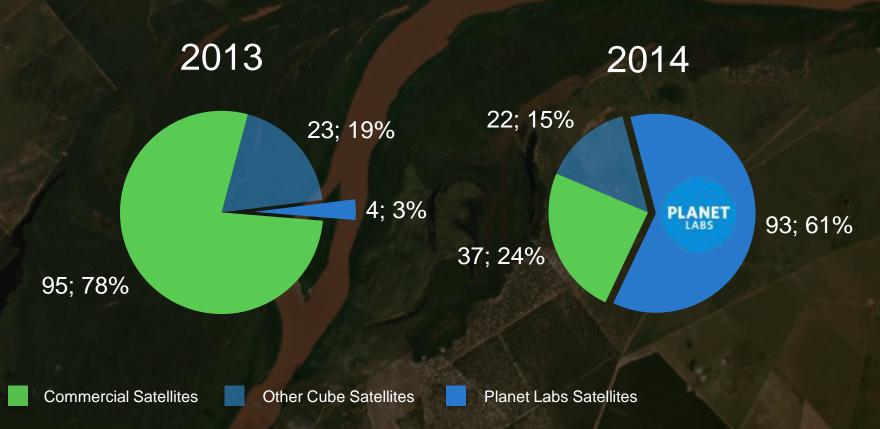




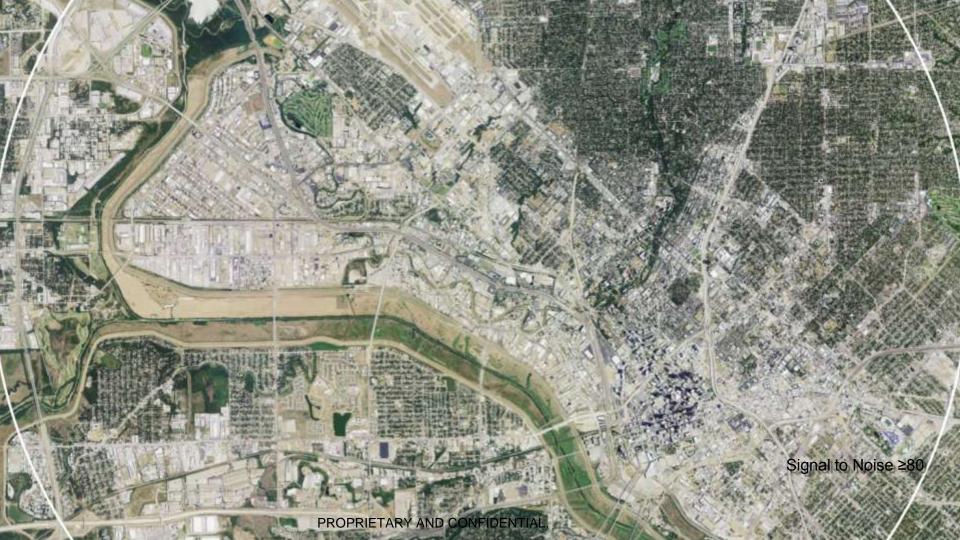
Planned Sun Synchronous Orbit



Industry Satellite Launches



Source: Prepared by Tauri Group for Satellite Industry association

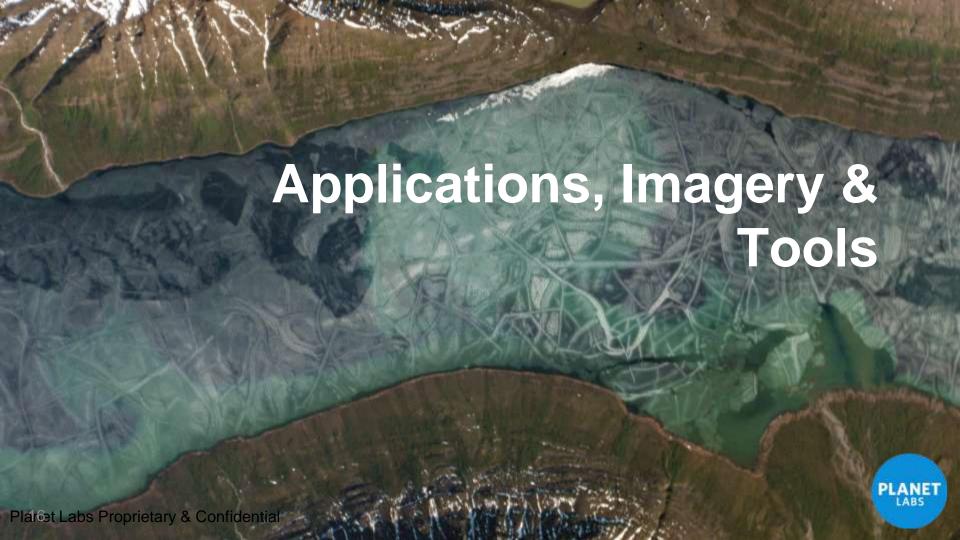


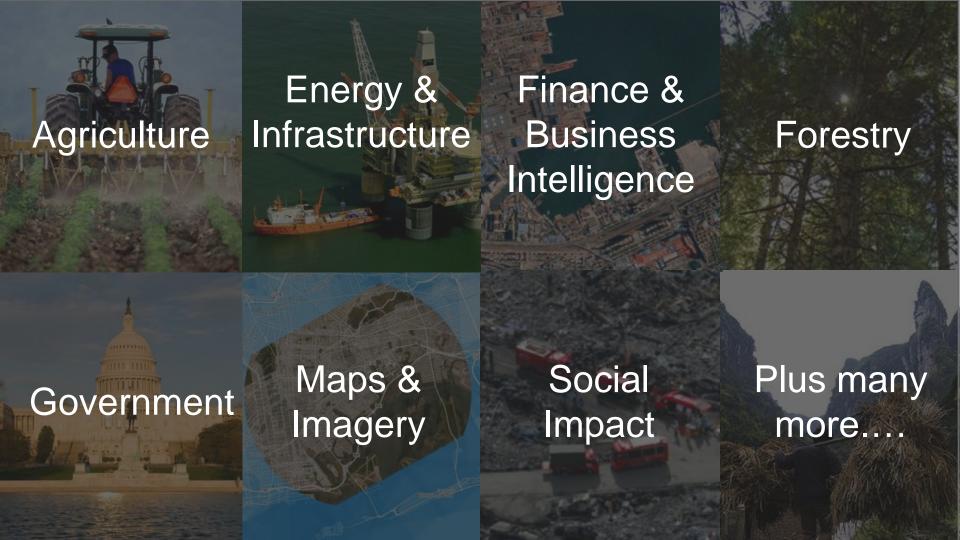


September of 2015

Clifton, Iowa, USA

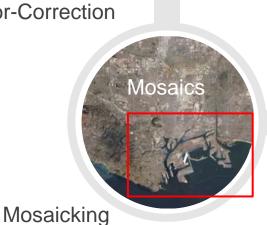
Two "2 stripe" NIR Filters





Immediate access to the data





API





3rd Party Applications



Mosaic Explorer

Scenes Explorer

Instant browse and delivery of scene archive

- Browse scene archive
- New scenes added as acquired and cleared data pipeline
- Filter by metadata, AOI & TOI
- Save workspaces
- Bulk delivery

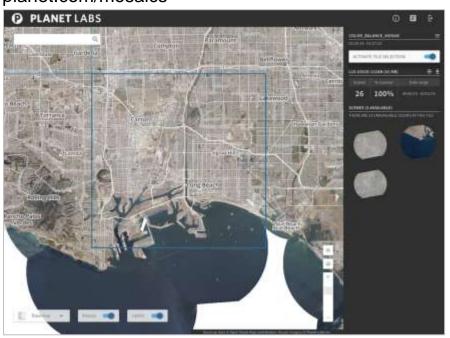
planet.com/scenes



Mosaic Explorer

Seamless, timely and frequent mosaics

planet.com/mosaics

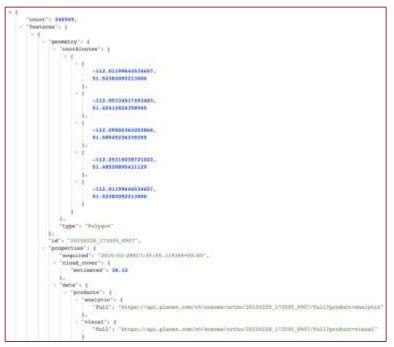


- Specify timeframe for mosaics
- "Best Pixel" methodology for optimal results
- See change happen over time
- Scene traceability
- Monthly and weekly built

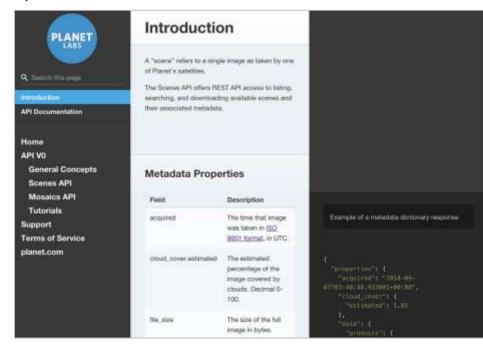
External APIs

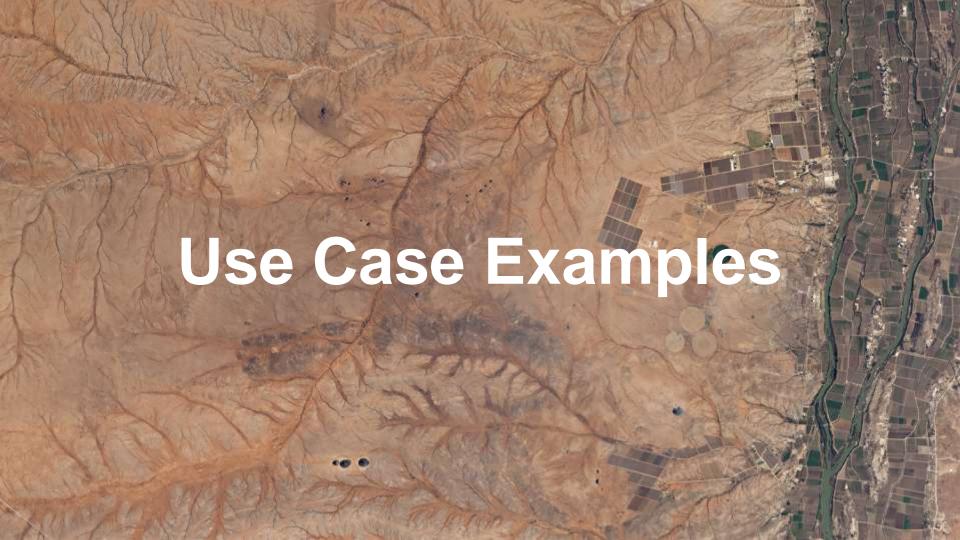
Programmatic access to search and download data

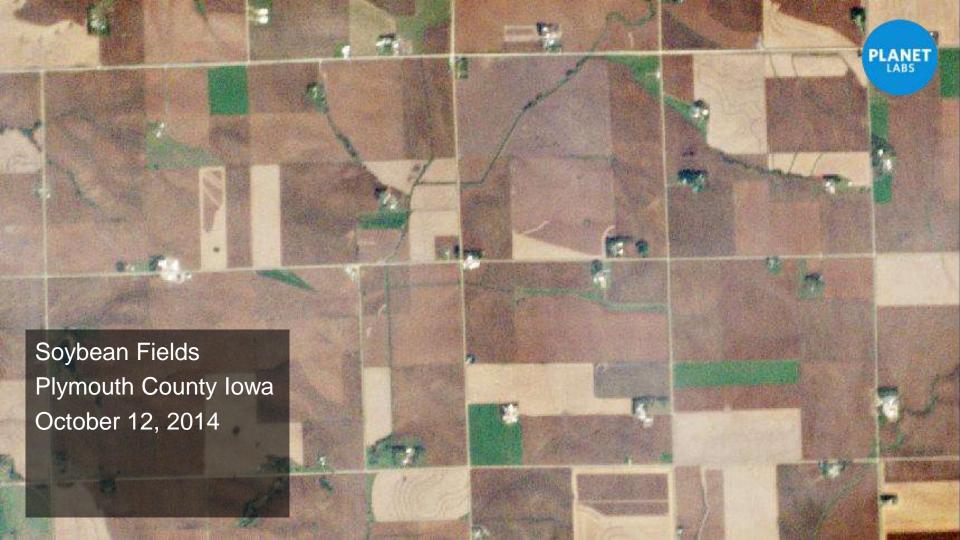
api.planet.com

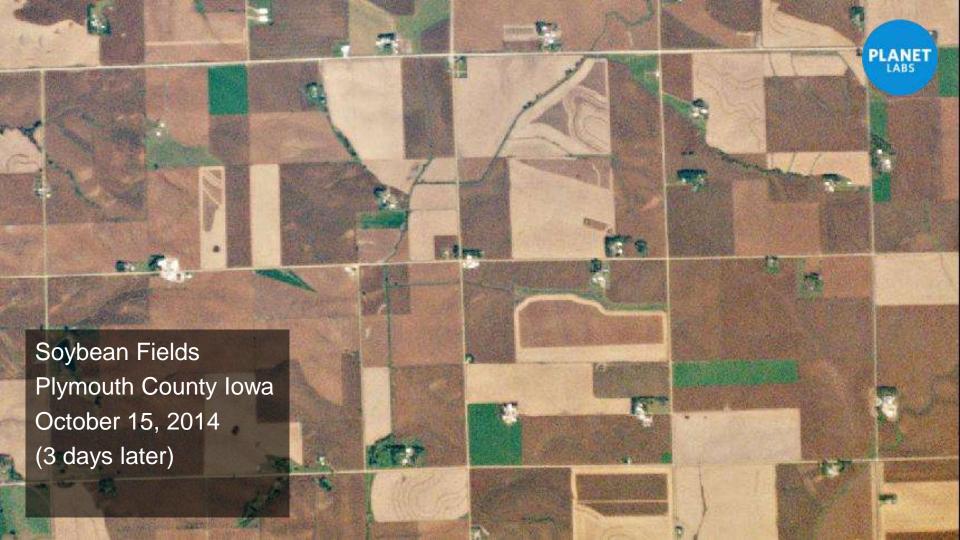


planet.com/docs

















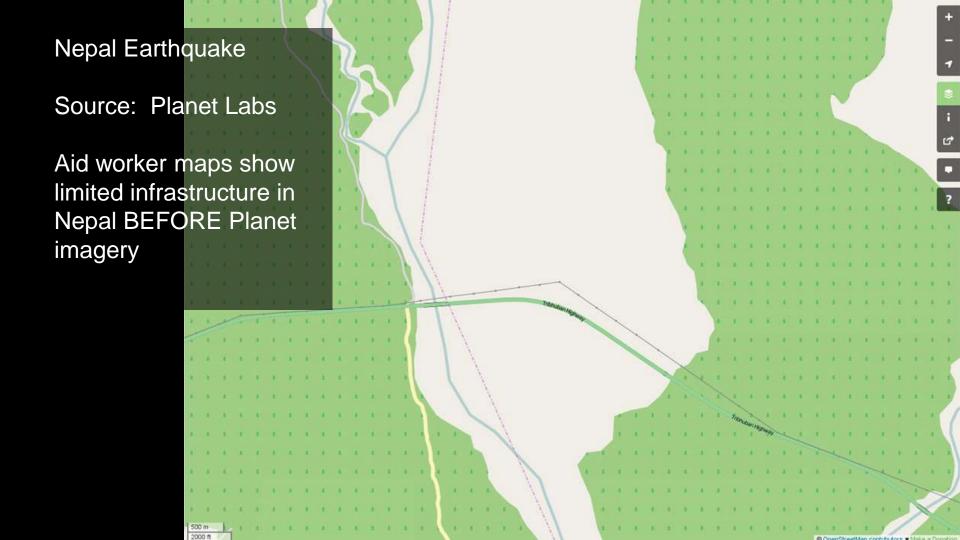


Nepal Earthquake

Source: Planet Labs

Planet Labs imagery was used to identify impacted settlements not represented on aid workers' maps.





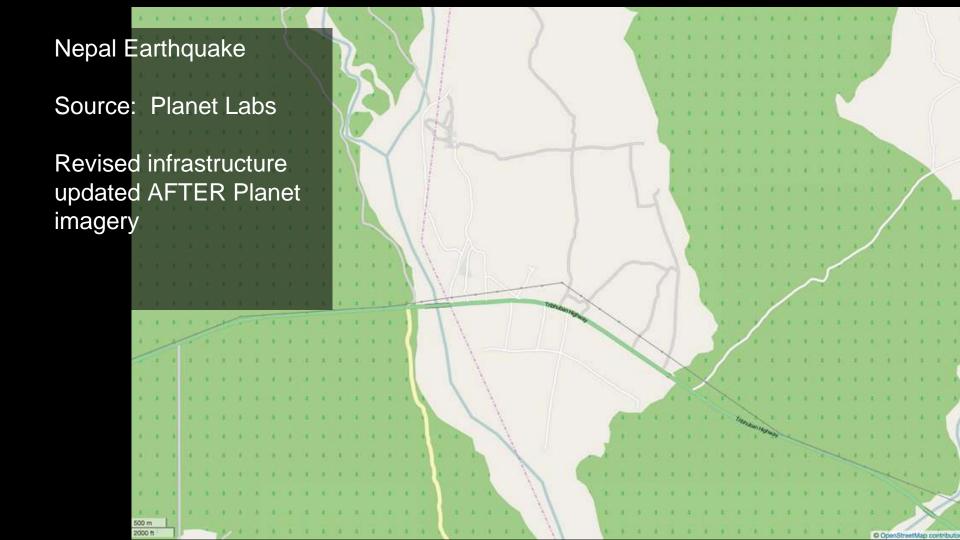
Nepal Earthquake

Source: Planet Labs

Aid worker maps show limited infrastructure in Nepal BEFORE Planet imagery

This illustrates how the maps appear over Planet Lab's imagery







DUCATION F

N

SCIENCE

"After comparing these results with the latest maps from the HOT team, we saw two

towns that were

priority."

outside the areas

DISASTER RESPONSE IN NEPAL AND THE ZOONIVERSE

Inputs for disaster response in a project called Orchid. And they

asked us to help them pinpoint the areas with the most urgent

MAY 13 2015 & BROOKE SIMMONS # 1 COMMEN

other crisis mapping, the aid and rescue teams, asking if we could assist in the efforts getting underway to crowdsource the mapping of the region. One of but that our classifiers aroups was Rescue Global, an independent reconnaissance charity that works across multiple areas of disaster risk reduction had marked as high and response. Rescue Global also works with our collaborators in machine learning here at Oxford, combining human and computer

unfulfilled need for aid.

going back to our "local" Universe iff.tt/1PHgILJ from the galaxyzoo blog 4 days ago

Stuck in the Mud iff.tt/1PikO1Q from the snapserengeti blog 5 days ago

If Follow 8the zooniverse

TOP POSTS & PAGES

Disaster Response in Nepal and The Zooniverse

Using Tag Groups to Collect Images on Talk

Penguin Watch: Top images so far

Floating Forests: Teaching Young Children About Kelp

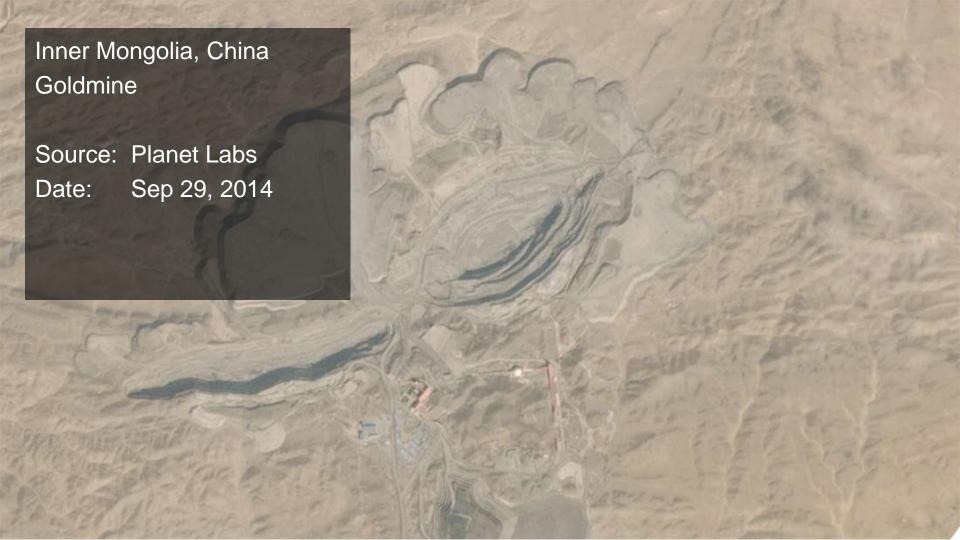
Zoo Tools: A New Way to Analyze, View and Share Data

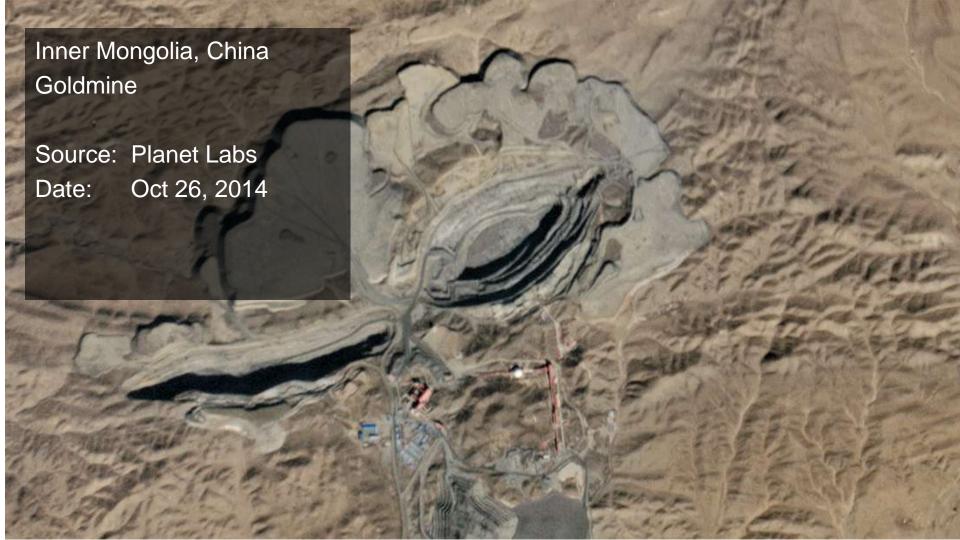
So Long, and Thanks for All the Fish!

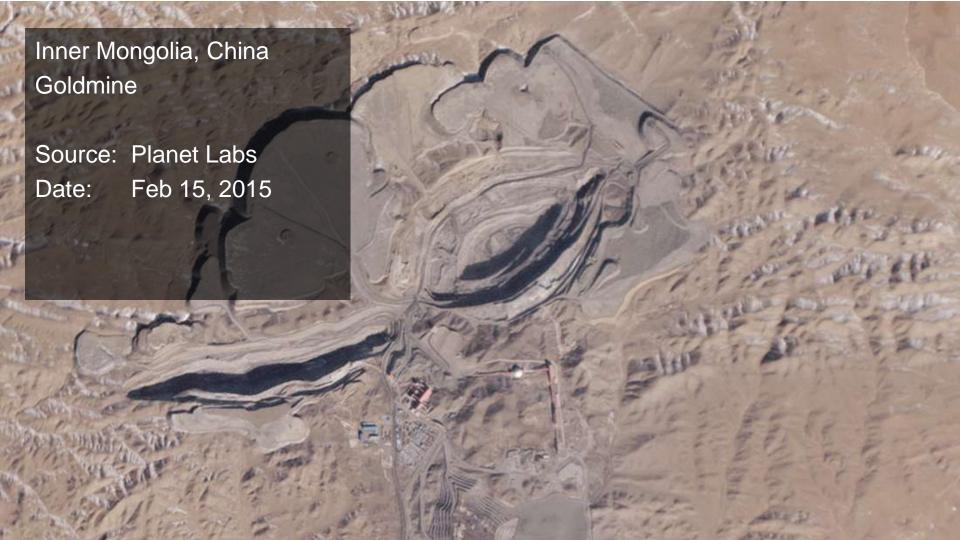
Who Are The Zooniverse Community? We Asked Them...

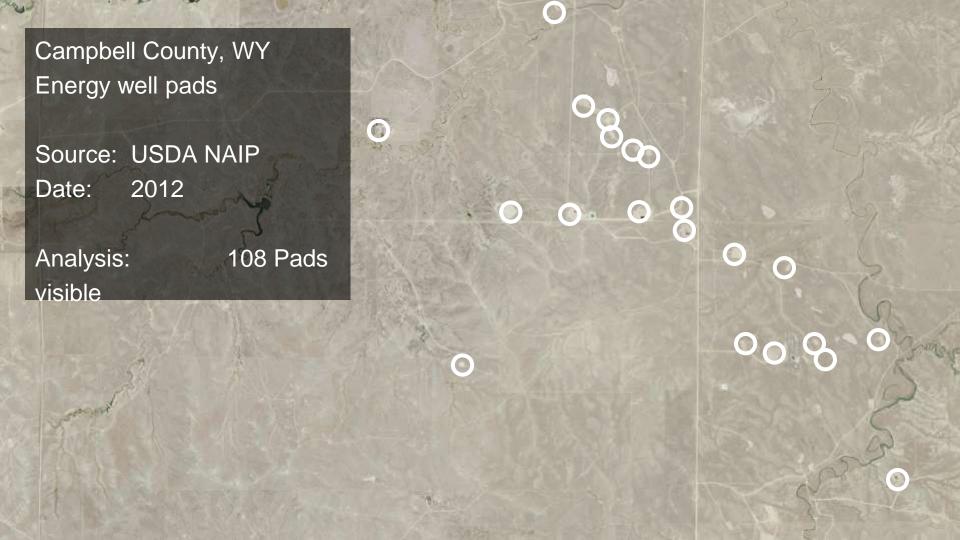
AAAS Symposium in Feb. 2015: Cutting-Edge Research with 1 Million Citizen Scientists

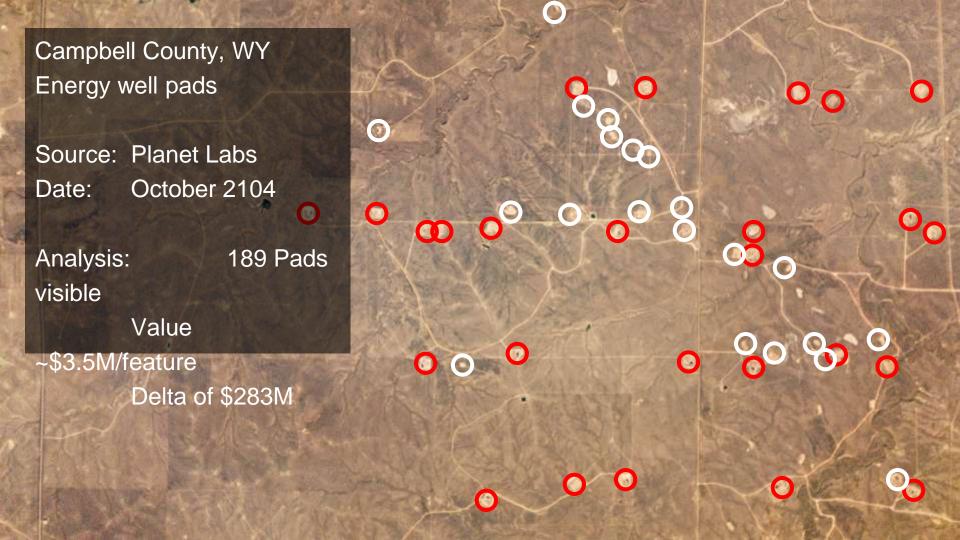
One Million Volunteers

















Discover how Planet Labs can help you with:



Global Coverage



Fresh Data



Easy Access

Josh@planet.com | planet.com