making satellite radar accessible — sille

1 mm, 6 days, 2 spacecraft, motion of every structure and surface on the planet.

Why use space:
- We know your history, with frequent global coverage from 2014, 24/7 in all weathers
- Visual and web-based, so any user can understand what is being displayed
- Openly downloadable, to what you need as a csv and for use anywhere
- Confidential/Secret requests for data: no one will know your results or interests
- No ground device or physical visits required
- Pricing transparency and accessibility

Contact

datel@datel.eu
www.sille.space

DATEL®
EMPOWERING SMART COMMUNITIES

space based early warning service

GOVERNMENT:
- **Crisis management tool**
  Sille is simple to use for first responders to determine where to focus their efforts following an earthquake, high-wind event, or any other disaster scenario.

ENGINEERING COMPANIES
- **Price your work**
  Determine the structural quality of the site at hand before providing a quotation or starting work — without ever physically going to the site.
- **Price your risk**
  See what was previously impossible. The motion of the land, of structures, pre- and post-events, and comprehensively understand your exposure.
- **Get paid**
  Rapid data verification in different quality disputes. Know exactly when motion takes place and what caused it.

ENERGY and INDUSTRIAL
- **Structural integrity indicator**
  Accurate data about the structural integrity of power plants, substations, or production sites' vulnerabilities. We will even give users designs for radar reflectors they can self-produce to reveal the smallest areas of motion from space.

INSURERS and RE-INSURERS
- **Parametric Triggers**
  Build out a new line of parametric products based on subsidence, deformation, and related triggers from total crop loss to hail damage of cars in holding areas.

- **Claims adjustment**
  Accurately determine the condition of a structure pre-catastrophe to prevent large indemnities to policy holders with fraudulent claims.

MILITARY
- **Enhancing future plans** in complex contingency situations without using actively tasked resources
- **Logistics support** through real-time understanding of infrastructure related to material mobility without using actively tasked resources

References:
- **State of Maryland, United States – DoIT/DOT**
  Infrastructure monitoring of numerous bridges, landslides, sink holes, road surfaces, on-ramps, and other infrastructure across the State.
- **Pulaski County, Virginia, United States**
  Pulaski is collecting data on a key bridge they do not control but will nonetheless be a powerful advocate for its care with State authorities supported by data.
- **Saint Lucia**
  Uniquely facing earthquakes, a volcano, and hurricanes, thus we are supporting Saint Lucia in planning, critical infrastructure inspections, and detecting illegal buildings.
- **Republic of Estonia — Road Administration**
  Augmenting physical bridge inspections as a way to increase efficiency. Instrumental in ground-proofing and verification.

ITL ESTONIAN ICT CLUSTER

EUROPEAN UNION
European Regional Development Fund

ICT Meta Cluster