



Identity

Name of Organisation:	
Address 1:	
Address 2:	
City:	
Country:	
Filled in by:	
Date:	
Email :	

Site

Name of Town:	
Country:	
Originating VAC:	
Date Received:	
Area:	sq kilometres
Number of PS points:	

UR Rationale

Each 'Utility Report' documents the complete use and life-cycle and impact of *Terrafirma* products and services delivered to a single end-User-organisation over a fixed period of time. Users must comment on the whole *Terrafirma* service, not just the PSI product., with 'Champion' quotes and value statements, ideally 1600 words of in-depth discussion of the pros and cons of *Terrafirma* from recipients. Sections have boxes to guide content.

As a guideline, the UR should include :

- **Cases studies of utilisation**
- **Account of integration with other information sources**
- **Examples of user end-products** (eg assessments reports, forecasts, warnings).
- **Assessment of impact and benefit.** This shall include consideration of the following elements:
 - What is the nature of the impact or benefit (eg more cost effective approach to meeting organisational mandate, unique enabling support to achieving organisational mandate, critical part of response to new mandate etc).
 - How critical is this impact or benefit.
 - What is the contribution of the product or service provided to realising this benefit.
- **Critical analysis of utility for end-user-organisation.** This shall include consideration of at least the following elements:
 - Perceived value of service performance level against level required to generate identified benefits.
 - Conformance or compliance of product/service delivered with working practices, operational standards, information validation procedures and reporting requirements.
- **Ease of integration with additional information sources.**
- **Comparison with alternative services and information sources including:**
 - Identification of divergences in service performance levels and capabilities.
 - Assessment of the impact of the performance variations between the service network and alternative providers on user capacity to meet operational mandate and reporting requirements.
- **Recommendations for service improvements,** including coverage, response time, latency time.
- **Recommendations for product improvements,** including expanded information content and enhanced validation
- **Record of Complaints, Problems, resolutions**
- **Value statement**

Utility Report
User Dossier U7-UR



Integration with other information sources				
<i>Data used to evaluate products received:</i>				
Data Type	Used	Established by	Scale	Format
Topographic data	<input type="checkbox"/>		- please choose -	- please choose -
Geology	<input type="checkbox"/>		- please choose -	- please choose -
Lithology	<input type="checkbox"/>		- please choose -	- please choose -
Superficials thickness	<input type="checkbox"/>		- please choose -	- please choose -
Mineralogical properties	<input type="checkbox"/>		- please choose -	- please choose -
Local borehole data	<input type="checkbox"/>		- please choose -	- please choose -
Quarries / Underground Works	<input type="checkbox"/>		- please choose -	- please choose -
Geotechnical properties	<input type="checkbox"/>		- please choose -	- please choose -
Water Table	<input type="checkbox"/>		- please choose -	- please choose -
Soil Moisture deficit	<input type="checkbox"/>		- please choose -	- please choose -
temporal and spatial rainfall distribution	<input type="checkbox"/>		- please choose -	- please choose -
Spring lines	<input type="checkbox"/>		- please choose -	- please choose -
Extraction records	<input type="checkbox"/>		- please choose -	- please choose -
Well locations	<input type="checkbox"/>		- please choose -	- please choose -
Drainage Patterns	<input type="checkbox"/>		- please choose -	- please choose -
Hydrogeological properties	<input type="checkbox"/>		- please choose -	- please choose -
RS Optical Images	<input type="checkbox"/>		- please choose -	- please choose -
	<input type="checkbox"/>		- please choose -	- please choose -
Seismicity/ projects under construction	<input type="checkbox"/>		- please choose -	- please choose -
Others <i>Please Specify</i>	<input type="checkbox"/>		- please choose -	- please choose -



Potential Ground displacement mechanisms		
Mechanisms	Suspected	Confirmed
Mining	<input type="checkbox"/>	<input type="checkbox"/>
Surface Mineral workings	<input type="checkbox"/>	<input type="checkbox"/>
Oil, Gas or Brine extraction	<input type="checkbox"/>	<input type="checkbox"/>
Ground water extraction	<input type="checkbox"/>	<input type="checkbox"/>
Dissolution	<input type="checkbox"/>	<input type="checkbox"/>
Landslide	<input type="checkbox"/>	<input type="checkbox"/>
Erosion	<input type="checkbox"/>	<input type="checkbox"/>
Waste Disposal	<input type="checkbox"/>	<input type="checkbox"/>
Underground construction	<input type="checkbox"/>	<input type="checkbox"/>
Superficial construction	<input type="checkbox"/>	<input type="checkbox"/>
Seismic	<input type="checkbox"/>	<input type="checkbox"/>
Volcanic	<input type="checkbox"/>	<input type="checkbox"/>
Groundwater recharge	<input type="checkbox"/>	<input type="checkbox"/>
Other : Please specify	<input type="checkbox"/>	<input type="checkbox"/>

Potential additional end users			
N°	Name and Contact	Contacted	Interested
1		<input type="checkbox"/>	<input type="checkbox"/>
2		<input type="checkbox"/>	<input type="checkbox"/>
3		<input type="checkbox"/>	<input type="checkbox"/>
4		<input type="checkbox"/>	<input type="checkbox"/>
5		<input type="checkbox"/>	<input type="checkbox"/>

Assessment of impact and benefit			
What are the benefits of the Terrafirma (TF) products for your existing service?:			
Applications	Benefits		
<i>For what specific application might you use TF products?</i>	<i>What are the practical benefits?</i>	<i>What decision making process could it help?</i>	<i>How much could you save by using TF products?</i>
<i>Eg: Monitoring structural stability, verifying insurance claims</i>	<i>Eg: I can now identify unstable areas at a glance and send out structural engineers accordingly</i>	<i>Eg: the data could be used to better define a housing management plan</i>	<i>Eg: x km² could now be monitored with more detail, this is equivalent to x of our current measurements every 2 years, Using TF products could save one day a month in the field which is equivalent to 700 Euros/month</i>



New opportunities

What new opportunities might the unique attributes of Terrafirma bring to your organisation? (eg. I can now measure stability of entire town, not before possible):

Critical analysis of utility for end-user-organisation

Comparison with alternative service and information sources

Methodology	Existing	Available	Comparison
Conventional Ground Levelling	- please choose -	- please choose -	- please choose -
Ground metrology Please Specify	- please choose -	- please choose -	- please choose -
Airborne Lidar Levelling	- please choose -	- please choose -	- please choose -
GPS continuous levelling	- please choose -	- please choose -	- please choose -
Factual Data (cracks in wall or structures)	- please choose -	- please choose -	- please choose -
Other Please Specify	- please choose -	- please choose -	- please choose -

Recommendations for service improvements



Recommendations for products improvements

Empty text area for recommendations for products improvements.

Record of complaints, problems, resolutions

Empty text area for record of complaints, problems, resolutions.

General Value Statement - please choose - and write details

Empty text area for General Value Statement.