geolocated information. The addition of this information may be performed by clicking on the icon 902. The format of the data may be selected from DWG, Ascii, OBJ, vector image, CVS, LAS, to name but a few possibilities.

The platform 1 according to the invention may be augmented with geolocated data in numerous ways, for example as illustrated in figure 12, by performing, at step 1201, at least one geolocated optical capture, preferably a geolocated scan, of a work site or of a work, then by uploading to the computer platform in step 1202 the result of this scan together with information georeferencing the capture in a frame of reference. It is beneficial also to upload into the computer platform information regarding the accuracy with which the georeferencing information is known. The capture may be performed by remote detection using a laser, using at least one camera or using a radar. The capture may be processed by an object recognition tool available on the computer platform, in step 1203. In step 1204, the corresponding data may be logged in the platform to augment the platform with data relating to the work site or to the work in the form of metadata derived from this processing.

The platform may also be used to determine at least one predictive model predicting the occurrence of an event, as illustrated in figure 13. In that case, the data to be processed is selected in step 1301, then the selected data are processed 1302 statistically and/or using artificial intelligence, for example using Watson, so as to discover a connection between certain input factors and the event and at step 1303 generate a predictive model.

A query can then be formulated in step 1304, with data relating for example to a given site or work, the previously-determined predictive model can be applied and in step 1305 a prediction can be obtained relating to the data input at step 1304.

The platform may make it possible to monitor site work, by, as illustrated in figure 14, equipping a zone with at least one site monitoring geolocated instrument and by uploading in step 1402, notably in real time, data derived from this instrument to the computer platform. The resulting data may be stored in the platform in step 1403.

The platform may be used to carry out an intervention in the subsoil, for example to dig a trench T as illustrated in figure 15. In that case, the operator O who is to carry out the work connects to the platform 1 in step 1503, using a terminal 1501 such as a tablet for example. Once the connection is established, he sends in step 1504 a query regarding the

CLAIMS

1. Computer platform for pooling and viewing digital data on a planet or sub-planet scale, which platform lists georeferenced data used for the representation of heterogeneous objects originating from various sources, including objects derived from scans and objects derived from at least one computer assisted drawing software package, metadata logged in at least one database being associated with at least some of the georeferenced data, these metadata comprising at least one item of information relating to the accuracy with which the position of these georeferenced data in at least one frame of reference is known,

the platform comprising:

- a data storage layer allowing the storage of data, notably geolocated data, transmitted by users to the platform,
- a data management layer allowing control of access to the platform, the indexing of data, the exporting or importing of data,
- a macrofunctions layer of macrofunctions supplied to the users,
- an interface layer for interfacing with the users,

the platform being designed to interface with external data suppliers, selected from among:

- a map information system or map server,
- a meteorological data server,
- an open data server,
- one or more social network servers,
- one or more sensors which in real time receive meteorological, thermal, traffic and/or seismic activity, fissure, earth movement data.

2. Platform according to claim 1, at least some of the data logged in the database relating to the subsoil and/or to objects incorporated in the ground.

3. Platform according to any one of the preceding claims, the data logged in the database comprising panoramic images, orthophotographs, notably aerial and satellite images, images of the elevation type, and / or data in the form of point clouds.

4. Platform according to any one of the preceding claims, the scan objects being modeled using lasergrametry, photogrametry or interferometry techniques.

5. Platform according to any one of the preceding claims, comprising geological data of the subsoil having a geolocation accuracy, in a frame of reference, of better than 1 m and/or being designed to allow such data to be logged on the platform.

6. Platform according to any one of the preceding claims, being designed to allow a user to display a map on his terminal and to attach documents to an object, notably a place, work, piece of equipment or other object present on the map.

7. Platform according to any one of the preceding claims, being designed to offer all or some of the following functionalities:

- of allowing a plurality of users to connect remotely thereto via terminals and to allow access to certain data to be reserved for a predefined user group or, on the other hand, make these data available to all users,
- of allowing a user to select an object, notably a place, a work and/or an item of equipment in order to access and/or download geolocated data relating thereto, these data being delivered by the platform together with information relating to the accuracy with which the position of these geolocated data in a frame of reference is known,
- of allowing a user to upload an application to make it available to other users of the platform and allow them to run it within the platform in order to process their data,
- of allowing a user to share information with other users of the platform and/or of allowing at least two users to collaborate through the platform by exchange of data between these users or via multiple access to information,
- of allowing a user to log his data directly and/or to download it from a third-party database,
- of allowing a user to create a customized user profile and to interact with the platform via a customized interface,
- of allowing a user to log in the platform data relating to various objects, notably works and/or items of equipment as constructed, at least some of these data being data that is geolocated in a frame of reference,
- of allowing a user to augment the data pertaining to objects, notably to works and/or to items of equipment listed in the platform with metadata chosen notably from among the name of the work or of the equipment, a characteristic of the work, a date,

notably a construction date, and so as to allow a user to carry out multicriteria searches on these elements,

- of allowing a user having carried out an intervention at a place or on a work and/or item of equipment listed in the platform, to log in this platform a score representative of the reliability of the logged data, notably the reliability of the geolocated data location accuracy information, a confidence index preferably being calculated from the scores logged by the previous users and supplied to each new user seeking to download these data,

- of allowing a user connecting to the platform to interrogate this platform as regards the evolution of at least one parameter pertaining to an object, notably to a work and/or to an item of equipment, and to obtain in return, through a prediction tool, a prediction regarding the future of said parameter, the prediction tool having been generated by processing data logged on the platform using an artificial intelligence engine or using a statistical analysis technique, and/or

- of supplying information to make it possible to steer plant or assist an operator using augmented reality.

8. Platform according to any one of the preceding claims, the geolocated data logged therein comprising data connected with the design, construction and/or operation of a building or of an infrastructure on the surface or underground, such as an existing one, preferably , the geolocated data comprising data corresponding to respective sites, works or items of equipment more than 100 km distant.

9. Platform according to any one of the preceding claims, running an application for analyzing the correlation between at least two 3D models relating to the one same object, notably work or item of equipment and according to the correlations detected generating a new 3D model by using data fusion to merge the two models analyzed, and/or running an application to automatically convert a format in which a file has been downloaded into a predefined format and display, on the one same map, information originating from different files, at least one of which has undergone this conversion, and/or receiving, notably in real time, meteorological, thermal, traffic and/or seismic data and allowing at least one user to access and/or to download these data.

10. Platform according to any one of the preceding claims, the data storage layer comprising:

- a data lake,
- a relational database preferably comprising all the structured information of the platform, and notably the metadata allowing access to the information stored in the data layer, notably fact indexing data such as the spatio-temporal coordinates, fact groups, hierarchies, key words, and allowing management of rights of access to the facts,
- a database, preferably of noSQL type, for storing unstructured data, notably data originating from sensors,
- a storage space, preferably of the file server type, to receive files associated with the facts, and
- a document management space, preferably of the electronic document management type, providing the users with an information sharing and exchanging space.

11. Platform according to one of the preceding claims, the data management layer being accessible to the macrofunctions layer through an API and/or being configured to offer all or some of the following functionalities:

- a multicriteria access service for searching on and providing read-access to the facts,
- a service controlling access to the facts, making it possible to guarantee the security of the data,
- a service for extracting and exporting facts, to various formats,
- an access accounting service to measure the level of usage of the APIs and various types of data,
- an import service that also includes block or individual updating, making it possible to augment, translate the format, filter, hierarchize, validate and clean the data during import,
- a data transformation service configured to harmonize the indexing of the data, notably in terms of geospatial referencing, to correlate data that meets certain criteria, notably criteria of geographic proximity, in order to clean and/or augment certain external data.

12. Platform according to any one of the preceding claims, the macrofunctions layer being designed to perform all or some of the following functions, and preferably all of the following functions in full:

- of creating and managing a user account on the platform,

- of browsing the facts logged on the platform using a browser,
- of accessing platform data from applications external to the platform, and
- of managing the data sources.

13. Platform according to claim 12, the browser being designed to:

– allow the viewing of a map, preferably of GIS type, with a 2D, 2.5D or 3D rendition according to the level of zoom, the browser preferably being designed to allow the display of a catalog of available map backgrounds and the selection of one or more map backgrounds, and to display at least some of the information of the selected map backgrounds in overlay and notably make it possible to change the order in which the map backgrounds are overlaid within the map displayed and/or implement action or information markers on a map,

– allow a selection frame deployed over a map to be displayed and/or being designed to calculate the distance between two points, the projected distance, the area of a selected zone, the projected area, preferably with the possibility to select the color and/or the transparency of the selected zone and how it appears according to the level of zoom,

– allow the creation of a bar graph and longitudinal sections representing a stratigram of the subsoil,

– allow an attribute to be assigned to an object featured on the map and this attribute displayed in a predefined format,

– allow a group of objects to be created and shown as such on the map,

– allow parameters connected with the objects appearing on the map to be displayed automatically, these parameters notably including the surface area of the objects, the number of objects per type, the number of connected documents,

– allow a search by coordinates in a frame of reference,

– offer tools for measuring a distance on the map, a surface area, for editing an altimetric profile, for calculating an isochron, for measuring an azimuth and/or for simulating the lighting of a site according to the time of day, and/or

– allow a search profile to be defined and memorized, notably making it possible for the predefined search fields associated with a user identifier to be displayed automatically.

14. Platform according to any one of the preceding claims, the user interface layer (230) comprising at least one of the following:

- an interface of web type,
- an interface of mobile app type,
- an interface of API gateway type,
- a blockchain interface, notably an interface comprising a blockchain node, preferably of the hyperledger type.

15. Method for logging data relating to a site or work, comprising the step consisting in performing at least one geolocated optical acquisition, preferably a geolocated scan, of the site or of the work, and in uploading this acquisition, together with information georeferencing the acquisition in a frame of reference, into the computer platform according to any one of the preceding claims.

16. Method according to claim 15, comprising the step consisting in also uploading into the computer platform information relating to the accuracy with which the georeferencing information is known, the acquisition notably being performed by remote detection using a laser or by means of at least one camera.

17. Method according to one of claims 15 and 16, comprising a processing of the acquisition by an object recognition tool available on the computer platform with data relating to the site or to the work being augmented with metadata derived from this processing.

18. Method for determining at least one model predicting the occurrence of an event, comprising a statistical and/or artificial-intelligence treatment of data logged on the platform according to any one of claims 1 to 14 in order to find a connection between certain input factors and the event and to generate said predictive model.

19. Site monitoring method comprising the step consisting in equipping a zone with at least one site monitoring geolocated instrument and in downloading, notably in real time, into the computer platform according to any one of claims 1 to 14, data derived from this instrument.

20. Method for performing an intervention, notably in the subsoil, comprising the steps consisting in:

- connecting to the platform according to any one of claims 1 to 14, and downloading geolocated data relating to a place and/or work involved in the intervention,

- performing the intervention on the basis of these data, and preferably publishing an intervention dossier regarding the site work online on the platform.

21. Method according to claim 20, the intervention comprising the digging of an excavation and/or the sinking of a bore hole.

22. Method according to one of claims 20 and 21, the intervention being carried out according to the accuracy with which the position of the geolocated data in a frame of reference is known, as supplied by the platform, notably making it possible to limit the risk of hitting and damaging an existing underground network and thus limit the risk of physical accident.

23. Method for constructing a works, notably a building or an infrastructure on the surface or underground, comprising the steps consisting in:

- downloading and/or viewing geolocated data relating to the surroundings of the work, notably the subsoil thereof, notably in a predefined format, from the platform according to any one of claims 1 to 14,
- carrying out the work with consideration to the downloaded data and their updates, notably in real time, making it possible to limit rework, and preferably performing the work in a coordinated manner with the information relating to infrastructure elements of a geographic nature, such as information regarding networks or buildings being shared between the various participants and/or with comments, attached documents and/or reviews pertaining to these elements being shared in real time.

24. Method according to claim 23, in which design data pertaining to the work, data relating to site progress, data relating to the condition of the ground or of the subsoil, data relating to the work as constructed and/or data relating to the maintenance or operation thereof are logged in the platform.