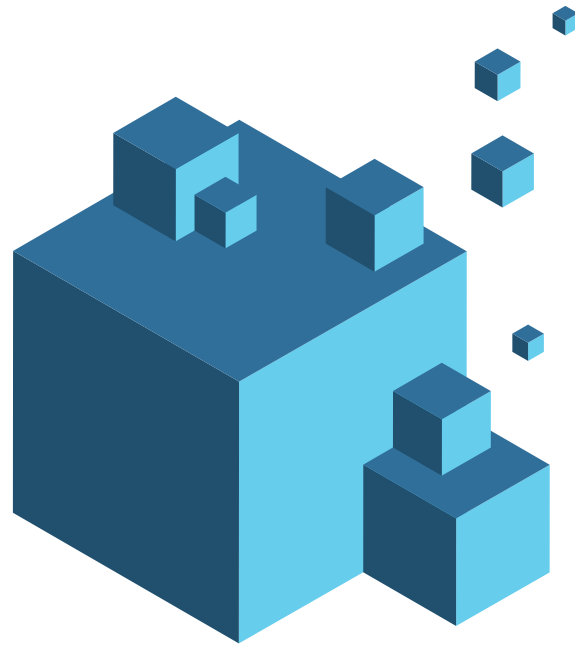




NORM3D

3D DATA PROCESSING SERVICES

SCAN2BIM2D: Time-saving solution for modeling of 2D Plans from a 3D point clouds



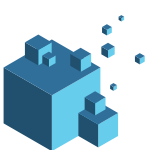
<https://bim.norm3d.com>



contact@norm3d.com



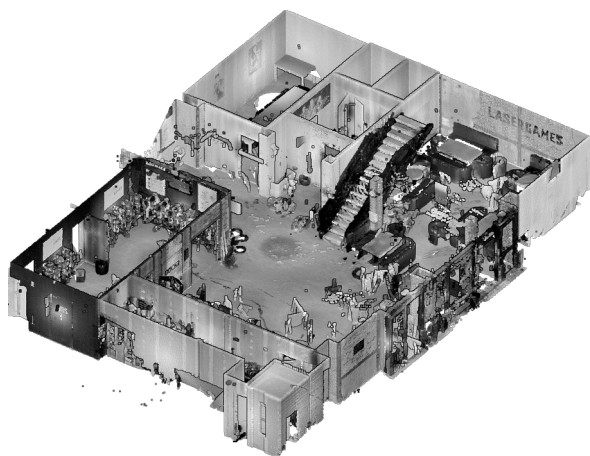
+33 (0)2 61 53 66 13



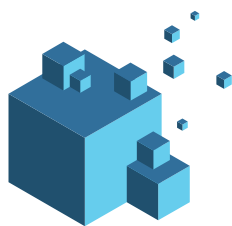
SCAN2BIM2D solution for 2D Plans reconstruction

- Service **SCAN2BIM2D**

3D Point cloud

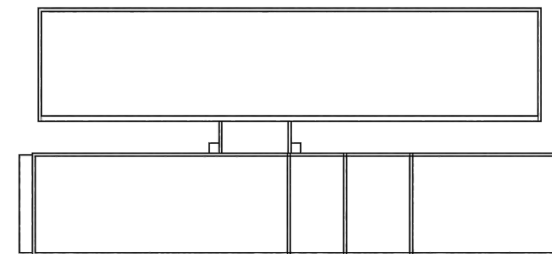
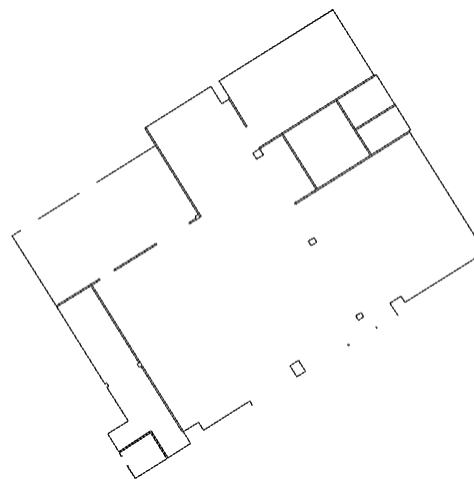


E57
LAS / LAZ
RCP / RCS
PLY ...

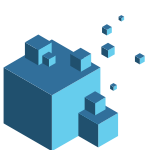


E57
LAS / LAZ
RCP / RCS
PLY ...

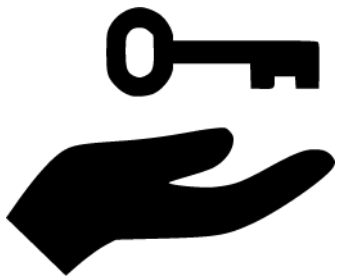
2D Plans (floors & facades)



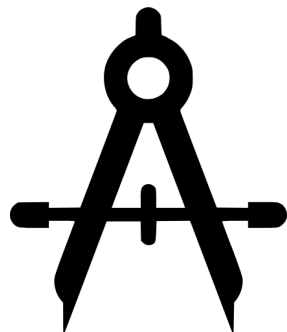
DXF



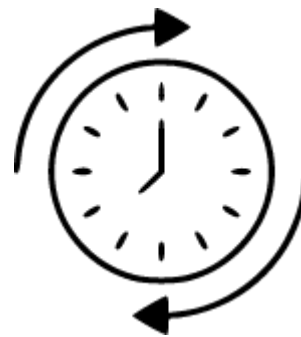
SCAN2BIM2D solution for 3D digital 2D Plans



Easy adoption



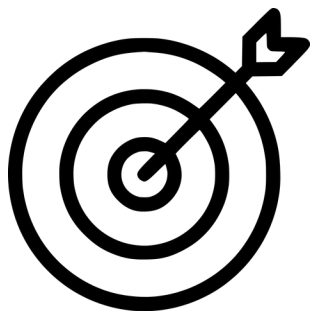
Easy interpretation



Quick transformation



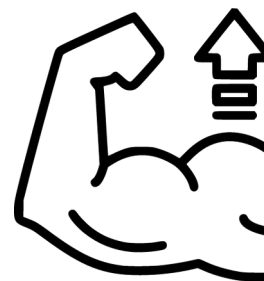
Comfort gain



Targeted
business



Interoperable

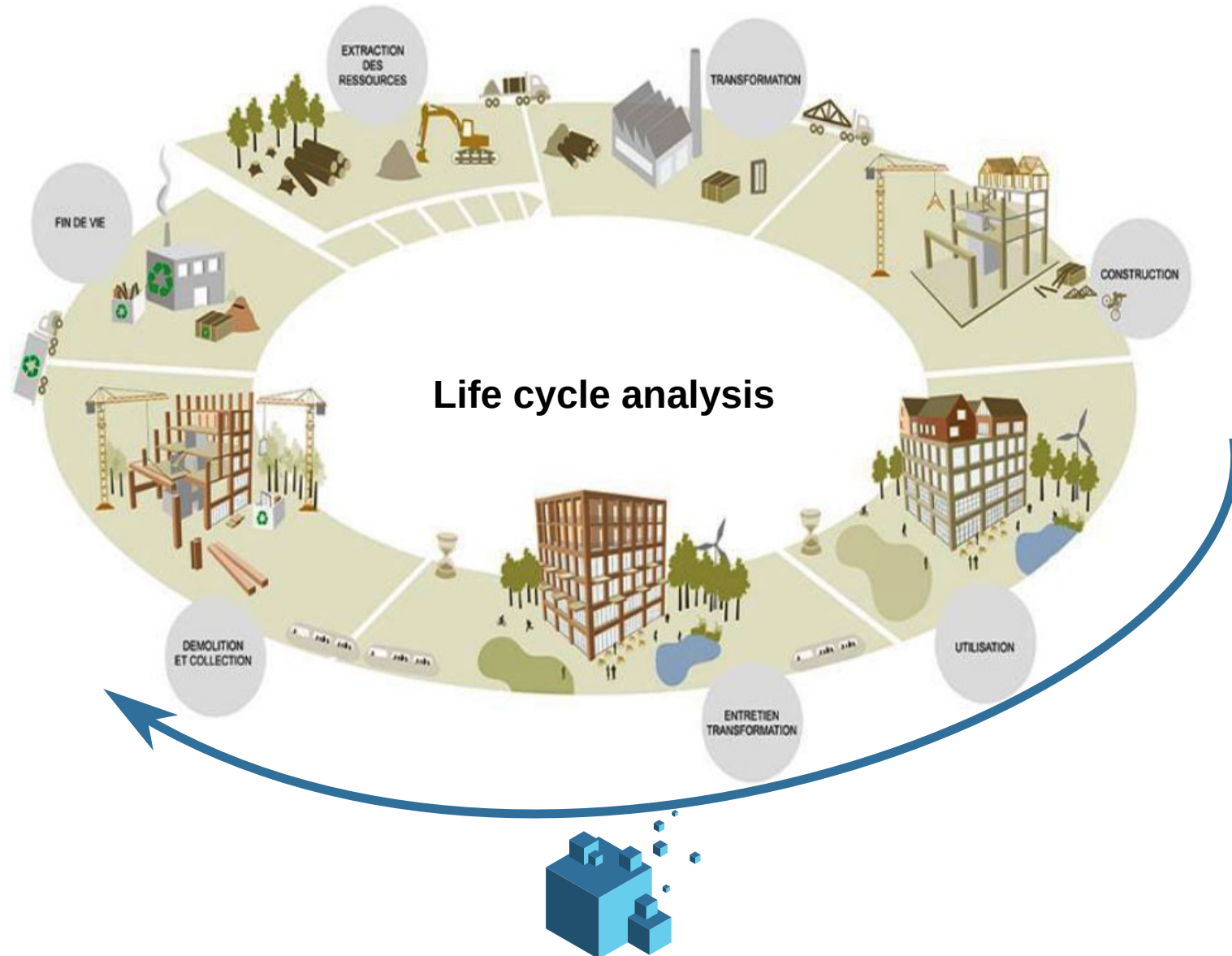


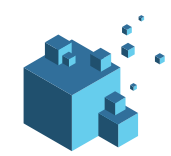
Boost ability to
respond to
projects



50% cost saving

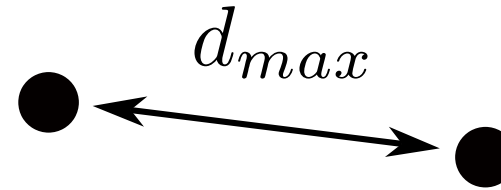
SCAN2BIM2D solution for 3D digital 2D Plans





Process modalities

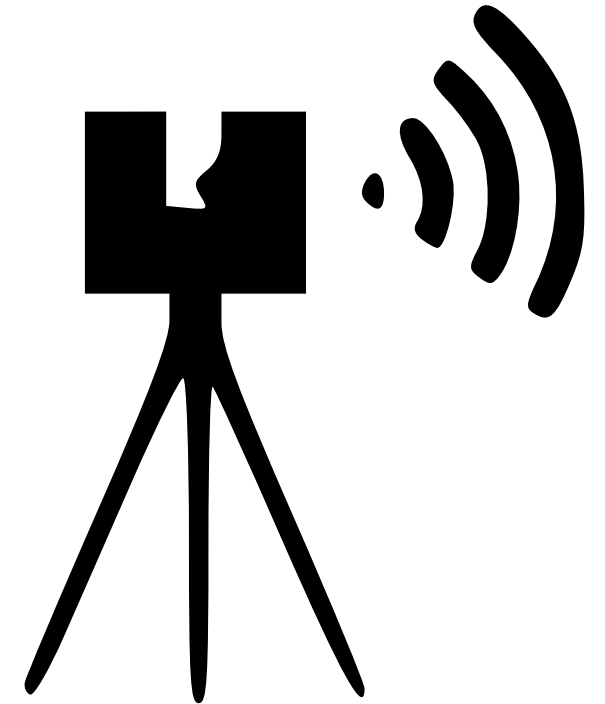
Maximal distance between two points : **1 cm**



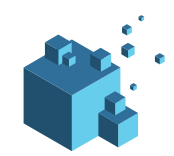
Recommended configuration for 3D capture with a static terrestrial laser scanner:

Outdoor: 360° image resolution: ~ 10k x 5k pixels
accuracy at 10m: ~ 3mm

Indoor: 360° image resolution: ~ 5k x 2.5k pixels
accuracy at 10m: ~ 6 mm



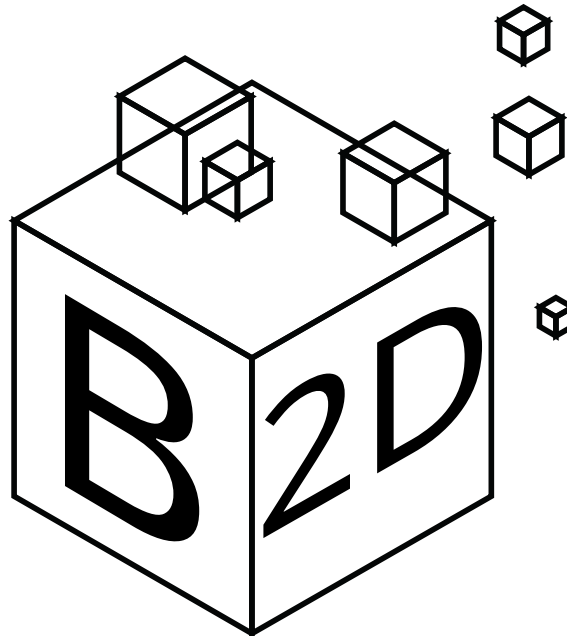
The solution works regardless of the source from which the 3D point cloud is acquired, as long as the acquisition specifications are respected.

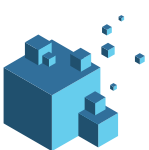


Checking SCAN2BIM2D results

NORM3D provides the BIMAQ2D service for checking 2D Plans.

BIMAQ2D is launched automatically each time SCAN2BIM2D generated 2D Plans.





NORM3D platform authentication

Access the NORM3D platform via the following link:<https://bim.norm3d.com/>

To authenticate, click on the icon  or access the following link :<https://bim.norm3d.com/login>

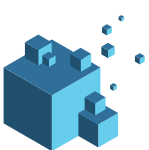


Enter your NORM3D account login and password, then click on the Login button.

Identifier

Password

Login



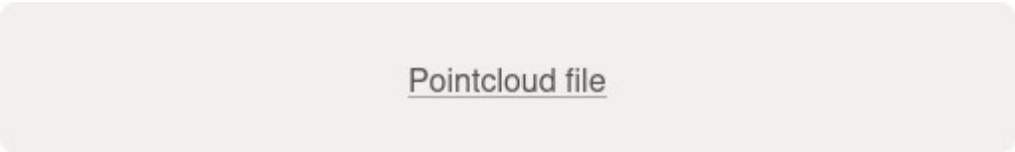
Launch NORM3D processing

Once authenticated, click on



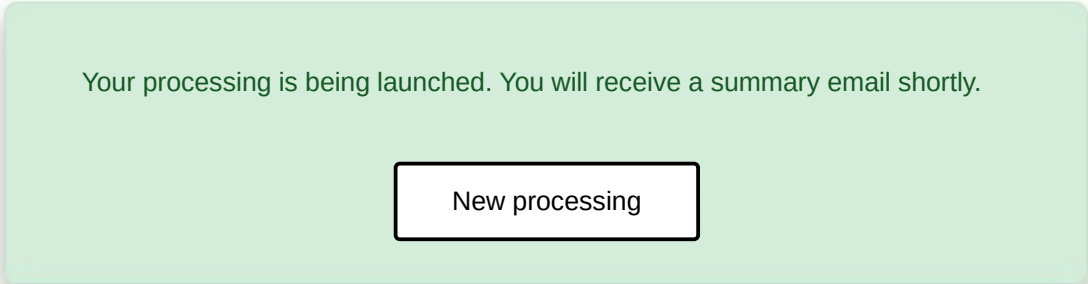
to start SCAN2BIM2D processing.

Click on

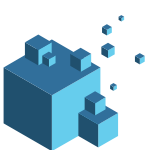


to specify the 3D point cloud to be analyzed.

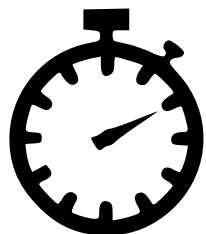
As soon as the files have finished being uploaded, the following message appears:



Once processing has started, you'll receive an email notifying you that processing has begun.



Solution for modeling of digital model



Processing time varies according the complexity of the point cloud:
~ 2h for a building



Once processing has been completed, you'll receive an email notifying you that processing has been completed. The notification email contains URL links for :



Download .DXF
(floors & facades)



View BIMAQ2D results



Download .E57 / .BCF



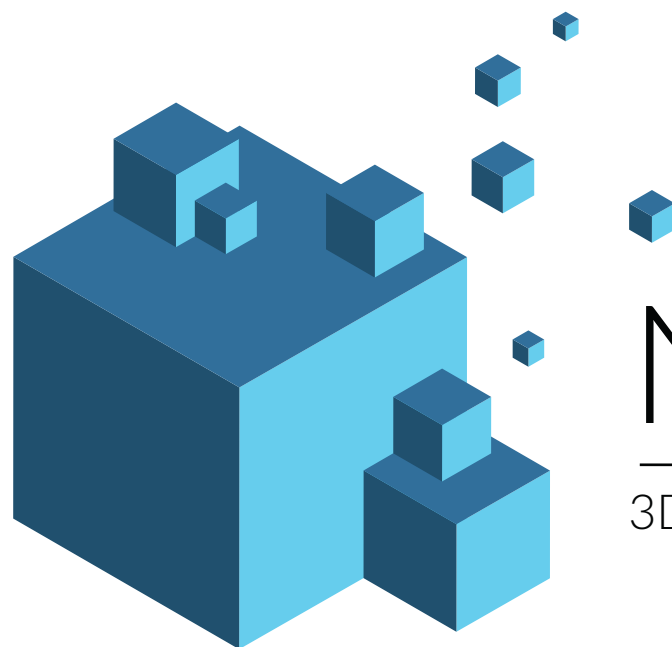
Find all processing results in your personal space:



Dashboard



Processing list



NORM3D

3D DATA PROCESSING SERVICES



<https://norm3d.com>

<https://bim.norm3d.com>



contact@norm3d.com



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