

NORM3D

3D DATA PROCESSING SERVICES

CLEANER: Time-saving solution for cleaning 3D point clouds



<https://bim.norm3d.com>



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3D point cloud cleaning solution

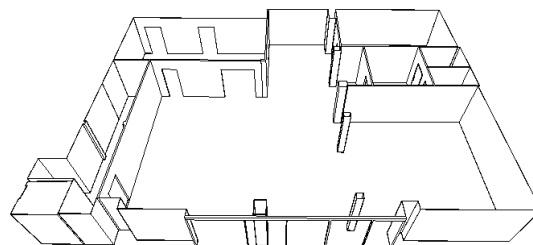
3D point
cloud

Digital
mock-up

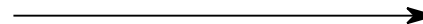
Cleaned 3D point
cloud



E57
LAS / LAZ
RCP / RCS
PLY ...



.IFC



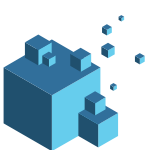
E57
LAS / LAZ
RCP / RCS
PLY ...



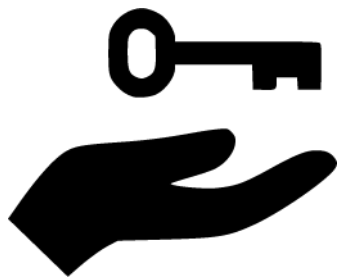
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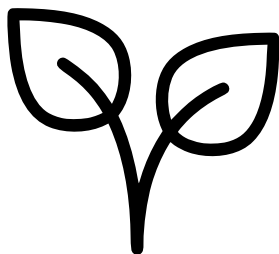
E57



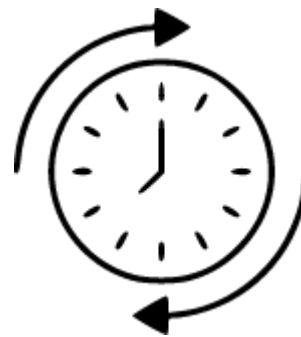
3D point cloud cleaning solution



Easy adoption



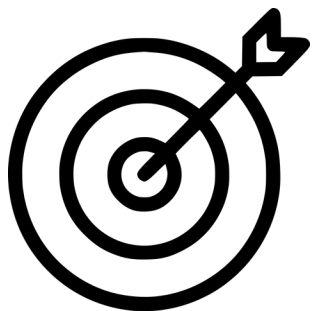
Eco-responsible
data



Rapid transformation



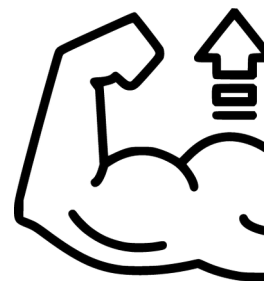
Comfort gain



Industry-specific



Interoperable

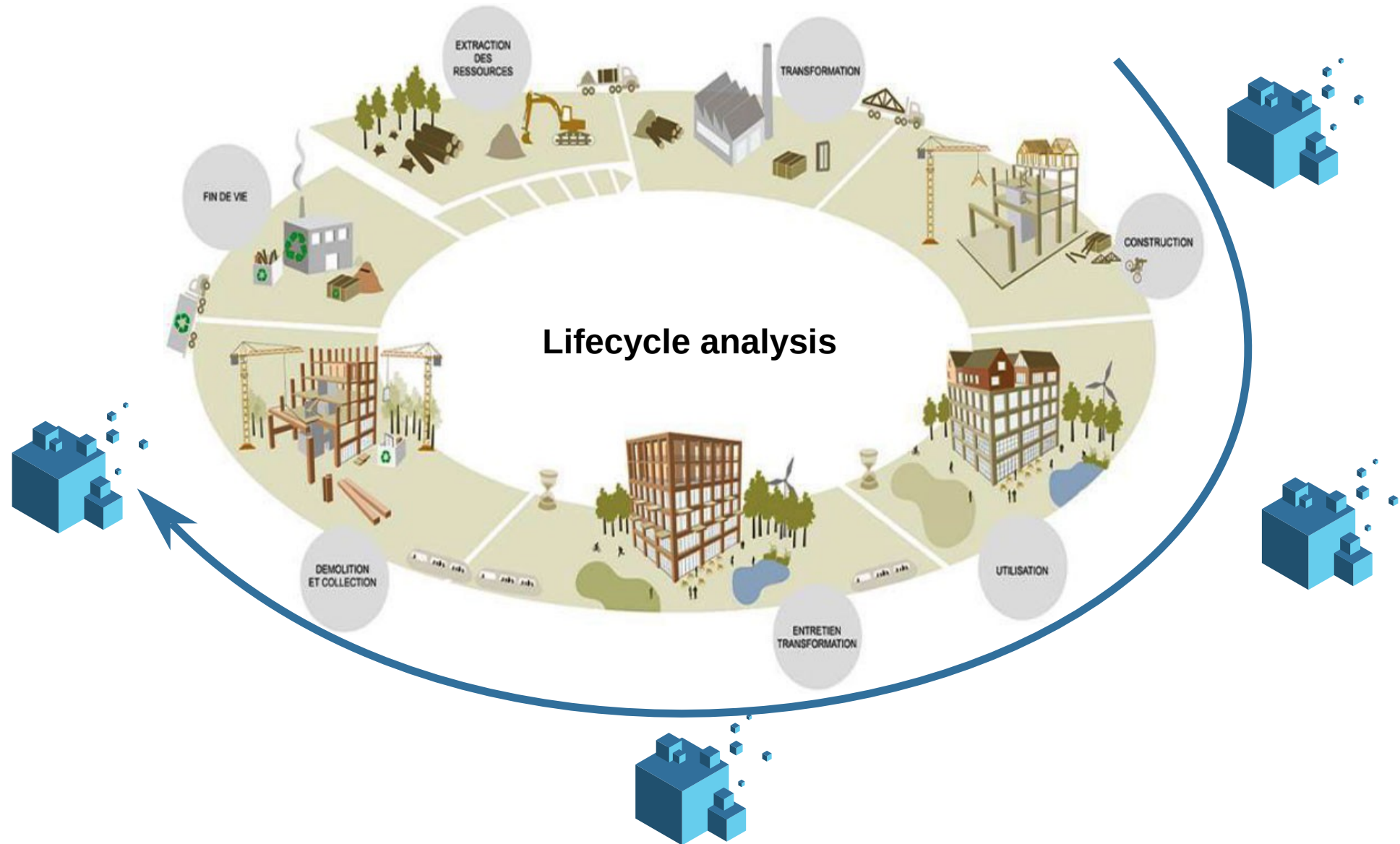


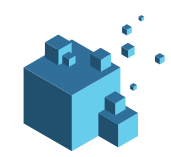
Boost ability to
respond to
projects



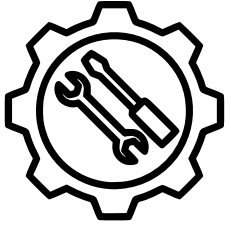
50% cost
savings

3D point cloud cleaning solution





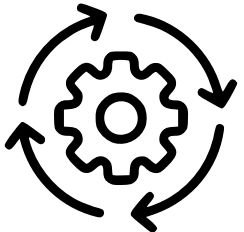
3D point cloud cleaning solution



Point cloud simplification for BIM modelers to update digital mock-ups



Simplify point cloud visualization to keep only points linked to the digital model



Data simplification for efficient machine processing



3D point cloud cleaning solution

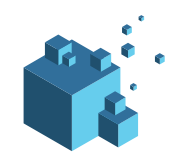
Example of result :



Original point cloud

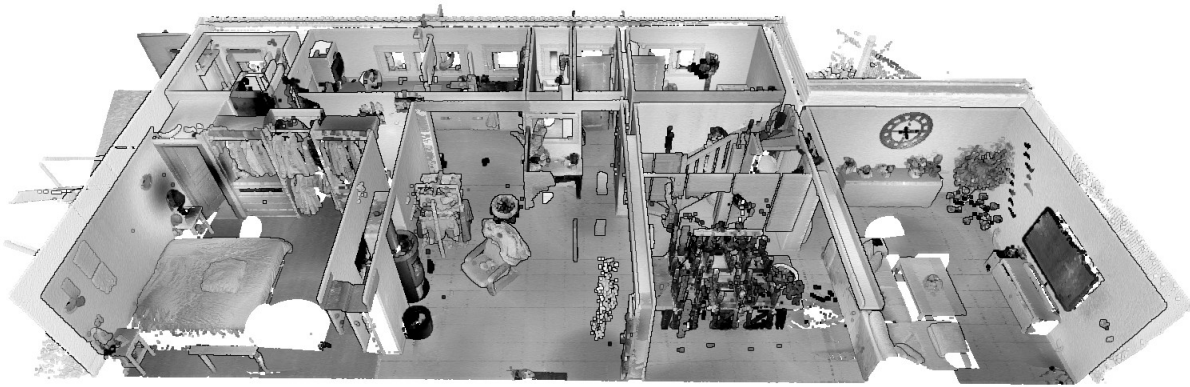


Threshold result at 10cm

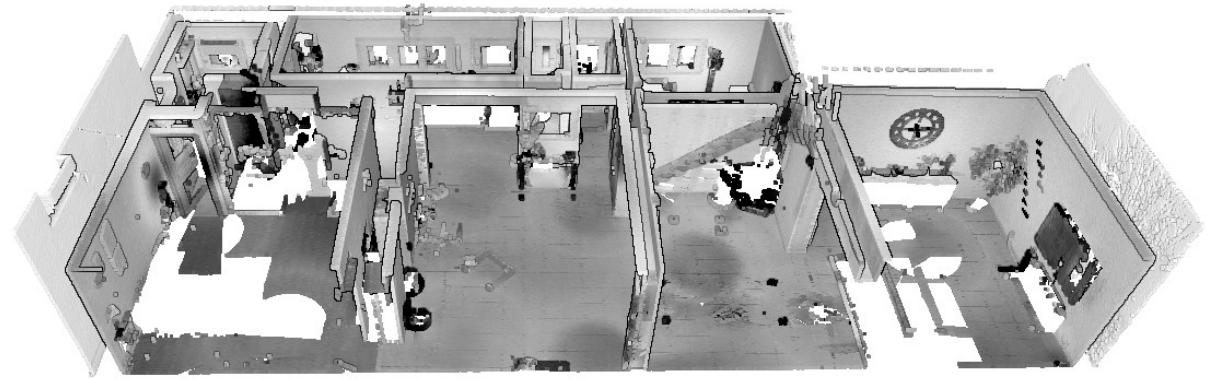


3D point cloud cleaning solution

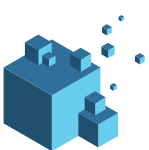
Example of result :



Original point cloud




Threshold result at 10cm



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>

Log in

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

Login

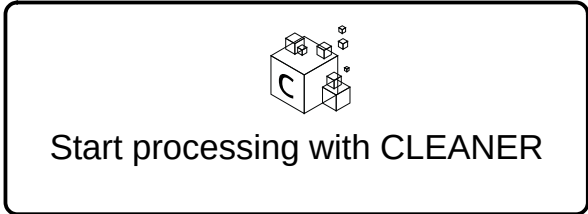
Password

Login



Start NORM3D processing

Once authenticated, click on



to start BIMAQ processing.

Set data preservation distance threshold:

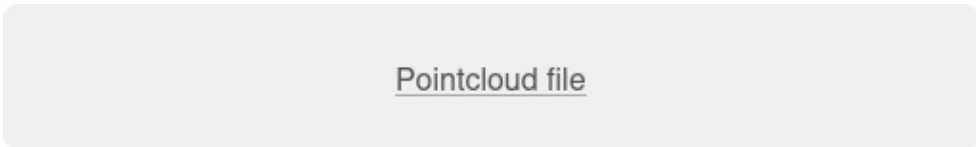


Click on



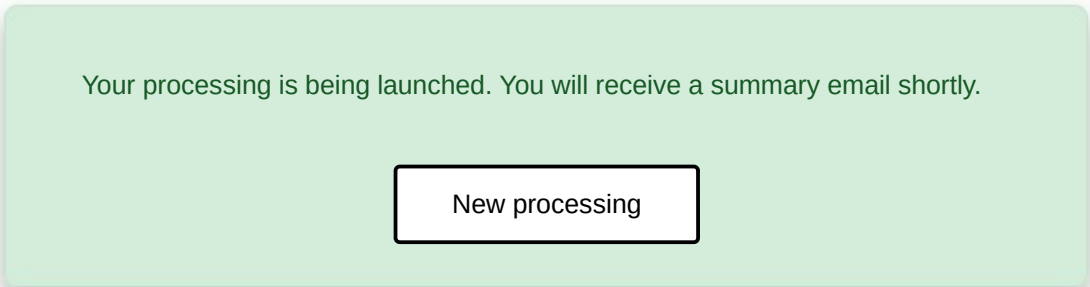
to indicate the reference IFC.

Click on

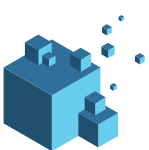


to indicate the 3D point cloud to be analyzed.

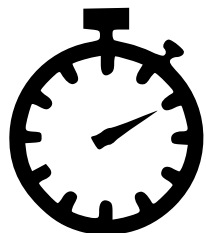
As soon as the files have been uploaded, the following message appears:



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



3D point cloud cleaning solution



Processing time varies according to the number of points in the point cloud:

~ 15 min for 600 million points

~ 40 min for 2.2 billion points



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



View results



Download .E57



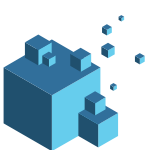
Find all processing results in your personal space:



Dashboard



List of processings done



3D point cloud cleaning solution

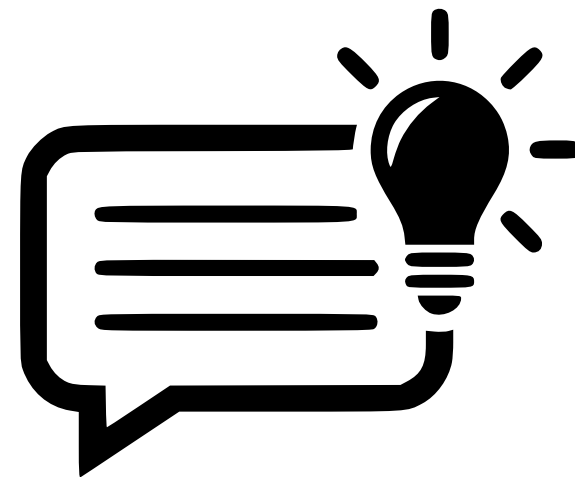
- NORM3D listens to your recommendations, suggestions and experience sharing, in order to best meet your expectations in terms of 3D data processing solutions.
- You can reach NORM3D via the following channels:

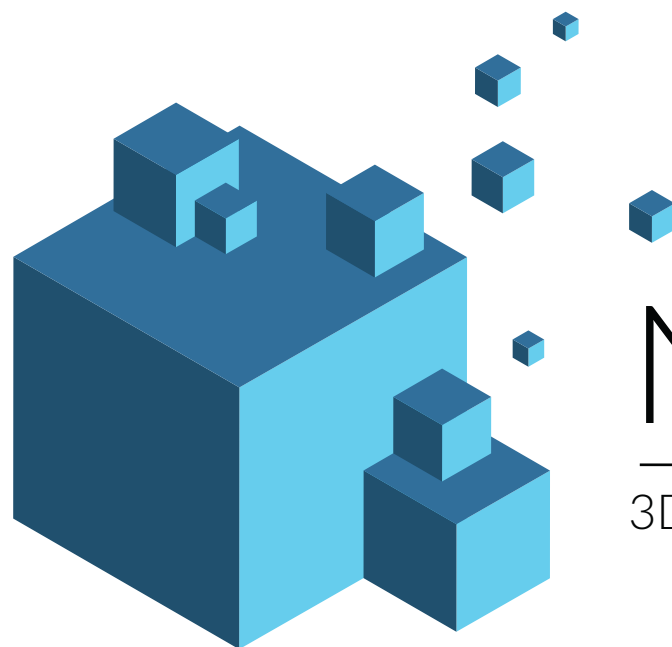


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