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Release notes

New functionalities & adaptations to the Madaster platform

For
Users Madaster platform

By
Madaster

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1 Indicators Building tab

1.1. Energy performance - BENG

The BENG requirements (Bijna EnergieNeutrale Gebouwen) will come into effect on 1 January 2021. These are the new requirements for the energy performance of new buildings (both residential and non-residential) that arise from the Energy Agreement and the European Energy Performance of Buildings Directive (EPBD). With the introduction of BENG, the EPC calculation is being replaced by the NTA 8800 calculation method. For new homes, the "TO-July" indicator is added.

The Madaster platform responds to this new legislation by adding the following on the "General" tab of a building:

- Three new BENG indicators:
 - BENG-1: Maximum energy need (kWh / m².yr)
 - BENG-2: Maximum primary fossil energy use (kWh / m².yr)
 - BENG-3: Minimum share of renewable energy (%)
- The new indicator for risk of temperature exceedance ("T0-July").

The former "Energy Performance Coefficient (EPC)" indicator has been removed.

ENERGIE	
Energie-label:	-
Energie-index:	0
Energiebehoefte (BENG 1):	- kWh/m ² .jr
Primaire fossiele energie (BENG 2):	- kWh/m ² .jr
Hernieuwbare energie (BENG 3):	-
Risico temperatuuroverschrijding (T0-juli):	-

1.2. GPR calculation

GPR Gebouw is a Dutch sustainability method that measures the performance of an existing or new real estate object and assesses it on the following themes: energy, environment, health, user quality and future value.

After these indicators were introduced in the Madaster platform at an earlier stage on the "General" tab of the building, these values are now also available in the materials passport (in PDF and Excel versions) of the building and also in the Madaster API (technical IT connection layer of the platform).

2. Dossier function

2.1. Consumer dossier

From 1 January 2022, the Wet Kwaliteitsborging voor het bouwen (Wkb) will come into effect for construction works in the lowest risk class, such as single-family homes and simple commercial buildings. This introduces a new system of quality assurance for the construction sector. This act places greater responsibility for the quality of construction works on the contractor and strengthens the position of the client.

The Madaster platform anticipates this future legislation at an early stage by setting up its building dossier function in accordance with the practical guideline (NPR 8092: 2020) for the nature and extent of the information for the consumer dossier.

CONSUMENTENDOSSIER					
Contractuele afspr...	INFORMATIE VOOR GEBRUIK, ONDERHOUD EN VERBOUW Instructies om bouwwerk incl. alle onderdelen en installaties naar behoren te laten functioneren en relevantie informatie verschaffen bij toekomstige verbouw (bevat o.a. beschrijving verantwoordelijkheden opdrachtgever & opdrachtnemer m.b.t. gebruik en onderhoud, verwijzingen naar onderhouds- en instructieboekjes, etc.).				
Gebruik, Onderho...	Naam	Grootte	Laatst aangepast	Tags	Eigenaar
Garanties	Geen gegevens beschikbaar				
Informatie voor gebu...					
Bouwwerk, gebouwco...					
Ruwbouw					

3. Internationalisation

3.1. Country specific folder structure (dossier)

The Madaster platform is now better designed to support a country specific folder structure. The Madaster platform offers the possibility to apply the dossier function at account, portfolio, product and building level. With the introduction of this release, the folder structure of this function is now country specific. This allows the folder structure of, for example, the building file in the Dutch Madaster platform to be set up differently than in other countries where the Madaster platform is active.

3.2. Country specific fields

The Madaster platform is now better equipped to support country specific fields. The Madaster platform has a number of country specific fields in the "General" tab in the field of, among other things, "building labels" and "energy indicators". With the introduction of this release, these fields are now country specific, with which the fields are only shown to the relevant user groups in the different countries in which the Madaster platform is active.

4. Platform improvements

4.1. New filter Enrichment screen

In the "Enrich" screen (Dossier>Enrich) a new filter "System" has been added in the vertical filter structure. A system is an organized combination of related parts put together for a common purpose or function or to provide a service. This filter, which becomes visible if the source file contains the property "ifcssystem", shows the system elements associated in the source file (ifc) to which the user in Madaster can link a material or product.

4.2. IFC import function

The IFC import function has been extended with the property "ifcssystem", with which the Madaster system can identify the system elements associated within a model and display them in the "Enrich" screen.

5. Bugfixes

Madaster strives to implement improvements as quickly as possible and on a continuous basis. If necessary, this is performed by means of hotfixes. The improvements below have been implemented in the platform as part of this release.

5.1. Data display improvements

Add / change product: The display of the percentage value of the different materials in the "Product composition" tab has been improved.