

BUILDING REQUIREMENTS Special requirements in the public interest for the contribution of buildings to sustainable development

The QNG-PLUS and QNG-PREMIUM Certifications are state certifications for buildings. The prerequisites for QNG-PLUS and QNG-PREMIUM Certification is the provision of evidence that verifies a building's compliance with all of the associated general and special technical, functional, environmental, sociocultural and economic quality requirements, and of the quality of the planning and building processes on the basis of an independent assessment. QNG Certification can be awarded as different types of certification (Certification types) depending on the specific use case, which is based on the type of building, type of building use and projected type of building measure (e.g. new construction). The current Certification types are listed in Annex 1 to the Manual for the QNG Sustainable Building Certification.

One of the requirements for the award of the Certification is the fulfilment of the special requirements for the contribution of buildings to sustainable development in the public interest (hereinafter referred to as 'building requirements'). The building requirements formulated by the certification body, their assessment criteria and assessment standards are set out in this Annex 3 to the Manual for the QNG Sustainable Building Certification and the associated documents referenced in the Annex. These documents are:

- 3.1.1 LCA accounting rules for residential buildings
- 3.1.3 Avoidance of harmful substances in building materials
- 3.1.4 Accessibility in QNG
- 3.1. 5 Natural hazards on site
- 3.2.1.1 LCA accounting rules for non-residential buildings
- 3.2.1.2 LCA requirement value for non-residential buildings

Important information on the relevant valid version:

Please note: These certification specifications are regularly reviewed and, for certification purposes, always apply only in the version valid at the time a request or an application for certification is submitted to a certification body or at the time an application for government funding is granted. The regulations and requirements of previous or subsequent versions are not relevant to applicants and consequently do not have any bearing on their application's success.

The date on which the relevant versions take effect and their version numbers are listed in the following table:

Version number	Date it takes effect
1.0	08.06.2021
1.1	20.04.2022
1.2	01.01.2023
1.3	01.03.2023
1.4	19.07.2024

The version presented here is always the current version of Annex 3. To avoid confusion, the preceding versions are always deleted. For this reason, we recommend that applicants, system providers and certification bodies save the version of this Annex that is relevant for their respective QNG certification.



Table of contents

BUILDING REQUIREMENTS Special requirements in the public interest for the contribution of buildings to sustainable development.	1
Important information on the relevant valid version:	1
Overview of the building requirement for new buildings and complete refurbishments of residential and non- residential buildings	3
Requirement 1: Greenhouse gas emissions and primary energy demand	4
Requirement 2: Sustainable material production	7
Requirement 3: Avoidance of harmful substances in building materials	. 10
Requirement 4: Accessibility	. 11
Requirement 5: Natural hazards on site	. 14
Requirement 6: Green roof	. 16
Changes made to the previous version	. 18



Overview of the building requirement for new buildings and complete refurbishments of residential and non-residential buildings

Requireme	Requirements Applies to QNG Certification type						
		Residential buildings			Non-residential buildings		
		KN21*	WN21*	WG23	BN22** BK22**	UN22*** UK22***	NW23
Requireme	nt 1 – Greenhouse gas emissions and pri	imary e	nergy dei	mand			
ANF1- WG1	Greenhouse gas emissions and primary energy demand – RB	Х	X				
ANF1- WG2	Greenhouse gas emissions and primary energy demand – RB			Х			
ANF1- NW1	Greenhouse gas emissions and primary energy demand – NR				X	X	X
Requireme	nt 2 – Sustainable material production						
ANF2- WG1	Sustainable material production –	Х	X	X			
ANF2- NW1	Sustainable material production –				X	X	X
Requireme	nt 3 – Avoidance of harmful substances	in buile	ling mate	erials			
ANF3-1	Avoidance of harmful substances in building materials		X	X	X	X	Х
Requireme	nt 4 – Accessibility						
ANF4- WG1	Accessibility	Х	X	X			X
ANF4- NW1	Accessibility				х	X	X
Requirement 5 – Natural hazards on site							
ANF5-1	5-1 Natural hazards on site				X	X	X
Requirement 6 – Green roof							
ANF6-1	Green roof				X	Х	X
*The Certification issuer withdrew the Certification types KN21 and WN21 on 01.01.2023 and replaced them with Certification type WG23.							
**The Certification issuer withdrew the Certification types BN22 and BK22 (hereinafter referred to as "BN/K22") on 01.01.2023 and replaced them with Certification type NW23.							
***he Certification issuer withdrew the Certification types UN22 and UK22 (hereinafter referred to as "UN/K22") on 01.01.2023 and replaced them with Certification type NW23.							

Table 1: Overview of the building requirements



Requirement 1: Greenhouse gas emissions and primary energy demand

ANF1-WG1 Greenhouse gas emissions and primary energy(valid until 31.12.2022)

QNG-PLUS
Requirements for: KN21 WN21
The building can only qualify for QNG-PLUS Certification if, as established in accordance with the method set out in annex " <i>LCA accounting rules for residential buildings</i> ", its
• Greenhouse gas emissions over its life cycle do not exceed 28 kg CO ₂ eq./m ² and
• Non-renewable primary energy demand over its life cycle does not exceed 96 kWh/m ² .
QNG-PREMIUM
Requirements for: KN21 WN21
The building can only qualify for QNG-PREMIUM Certification if, as established in accordance with the method detailed in annex " <i>LCA accounting rules for residential buildings</i> ", its
• Greenhouse gas emissions over its life cycle do not exceed $20 \text{ kg CO}_2 \text{ eq./m}^2$ and
• Non-renewable primary energy demand over its life cycle does not exceed 64 kWh/m ² .

Additional assessment bases

For 1 • The reference area is the net room area (NRA (R)) in accordance with DIN 277:2021-08 in m². to 2

Required evidence

For 1 • The documentation and evidence has to be provided in accordance with the requirements to 2 set out in annex "*LCA accounting rules for residential buildings*".



ANF1-WG2 Greenhouse gas emissions and primary energy(valid from 31.12.2022)

QNG-PLU	8
Requiremen The buildi method se	nts for: WG23 Ing can only qualify for QNG-PLUS Certification if, as established in accordance with the et out in annex " <i>LCA accounting rules for residential buildings</i> ", its
1 • 1 2 • 1	Greenhouse gas emissions over its life cycle do not exceed 24 kg CO ₂ eq./m ² and Non-renewable primary energy demand over its life cycle does not exceed 96 kWh/m ² .
QNG-PRE	MIUM
Requiremen The buildi method de	nts for: WG23 ing can only qualify for QNG-PREMIUM Certification if, as established in accordance with the etailed in annex " <i>LCA accounting rules for residential buildings</i> ", its
1 •	Greenhouse gas emissions over its life cycle do not exceed ${f 20}$ kg CO $_2$ eq./m 2 and
2 • 2	Non-renewable primary energy demand over its life cycle does not exceed $64{ m kWh/m^2}$.

Additional assessment bases

For 1 $\,$ $\,$ $\,$ $\,$ The reference area is the net room area (NRA (R)) in accordance with DIN 277:2021-08 in $m^2.$ to 2

Required evidence					
For 1	٠	The documentation and evidence has to be provided in accordance with the requirements			
to 2		set out in annex "LCA accounting rules for residential buildings".			



ANF1-NW1 Greenhouse gas emissions and primary energy demand

QNG-PLUS
Requirements for: BN/K22 UN/K22 NW23
The building can only qualify for QNG-PLUS Certification if, as established in accordance with the method set out in annex " <i>LCA accounting rules for non-residential buildings</i> ", its
1 • Greenhouse gas emissions over its life cycle correspond to the requirements set out in annex <i>"LCA requirement value for non-residential buildings"</i> and
2 • Non-renewable primary energy demand over its life cycle corresponds to the requirements set out in annex " <i>LCA requirement value for non-residential buildings</i> ".
QNG-PREMIUM
Requirements for: BN/K22 UN/K22 NW23
The building can only qualify for QNG-PREMIUM Certification if, as established in accordance with the method set out in annex " <i>LCA accounting rules for non-residential buildings</i> ", its
• Greenhouse gas emissions over its life cycle correspond to the requirements set out in annex <i>"LCA requirement value for non-residential buildings"</i> and
• Non-renewable primary energy demand over its life cycle corresponds to the requirements set out in annex " <i>LCA requirement value for non-residential buildings</i> ".
Additional assessment bases
• The reference area is the net room area (NRA (R)) in accordance with DIN 277:2021-08 in m ² . to 2

For 1	٠	The documentation and evidence has to be provided in accordance with the requirements
to 2		set out in annexes "LCA accounting rules for non-residential buildings" and "LCA requirement
		value for non-residential buildings".



Requirement 2: Sustainable material production

ANF2-WG1 Sustainable material production

QNG-PLUS				
Requirements for: KN21 WN21 WG23				
The building can only qualify for QNG-PLUS Certification if,				
 At least 50 % of the newly installed timbers, wood products and/or wood-based materials are demonstrably from sustainably managed forests. 				
QNG-PREMIUM				
Requirements for:KN21WN21WG23The building can only qualify for QNG-PREMIUM Certification if,				
 At least 80 % of the newly installed timber, wood products and/or wood-based materials are demonstrably from sustainably managed forests. 				
Additional assessment bases				
 For 1 In order to demonstrate that timber, wood products and/or wood-based materials are from sustainably managed forests, applicants have to submit a certificate verifying the regulated, sustainable management of the forest of origin. The following certificates are accepted for verification purposes: PEFC (Programme for the Endorsement of Forest Certification Schemes) and 				
 FSC (Forest Stewardship Council). 				
• If the wood contained in wood-based materials only contains some wood from sustainably managed forests, the corresponding proportionate volume has to be stated (e.g. 70 % for 'FSC mix').				
Required evidence				
 For 1 List of all of the wood products or wood-based materials used by trade, including information on the percentage of the total volume and the existing certificate PEFC Certificate (Programme for the Endorsement of Forest Certification Schemes) FSC Certificate (Forest Stewardship Council) 				

- If applicable, comparable certificates or other documentation confirming that the PEFC or FSC criteria applicable to the respective country of origin have been met
- Final invoices and specifications for the trades with extracts of the relevant materials
- Delivery note of the certified wood or wood-based materials



ANF2-NW1 Sustainable material production

QNG-FL05
Requirements for: BN/K22 UN/K22 NW23
The building can only qualify for QNG-PLUS Certification if,
• At least 70 % of the newly installed timbers, wood products and/or wood-based materials are demonstrably from sustainably managed forests
and
 At least 30% of the mass of the newly installed concrete, newly installed earthwork materials and plant substrates (total mass) above and below ground contain a significant amount of recycled materials.
QNG-PREMIUM
Requirements for: BN/K22 UN/K22 NW23
The building can only qualify for QNG-PREMIUM Certification if,
 At least 85 % of the newly installed timber, wood products and/or wood-based materials are demonstrably from sustainably managed forests
and
• At least 50 % of the mass of the newly installed concrete, newly installed earthworks materials and plant substrates (total mass) above and below ground contain a significant amount of recycled material .
Additional assessment bases
 For 1 • In order to demonstrate that timber, wood products and/or wood-based materials are from sustainably managed forests, applicants have to submit a certificate verifying the regulated, sustainable management of the forest of origin. The following certificates are accepted for verification purposes: PEFC (Programme for the Endorsement of Forest Certification Schemes) and FSC (Forest Stewardship Council). If the wood contained in wood-based materials only contains some wood from sustainably managed forests, the corresponding proportionate volume has to be stated (e.g. 70 % for 'FSC mix').
 For 2 Building materials with significant recycled material content are defined as: Concrete produced with recycled aggregates in accordance with DIN EN 12620 in the maximum permissible proportions in accordance with the relevant applicable guideline of the German Committee for Reinforced Concrete (DAfStb). Unbound earthwork materials made from certified, quality-controlled recycled materials, e.g. for use as sub-bases under foundations or for building materials such as brick.

- Plant substrates made from quality-controlled recycled building materials such as brick chippings for building and landscape greening.
- This requirement only applies to the building pit. It does not apply to general paths/design of the outdoor areas.



• If it is not possible to produce concrete components with a significant amount of recycled materials because of the applicable recognised rules of technology, their masses can be deducted from the mass balance.

- For 1 List of all newly installed wood products or wood-based materials by trade, including information on the percentage share of the total volume or total mass of the newly installed wood products and the existing certificates. To determine the absolute quantity of wood, the reference value has to be standardised to either mass or volume.
 - PEFC Certificate (Programme for the Endorsement of Forest Certification Schemes)
 - FSC Certificate (Forest Stewardship Council)
 - If applicable, comparable certificates or other documentation confirming that the PEFC or FSC criteria applicable to the respective country of origin have been met
 - Final invoices and specifications for the trades with extracts of the relevant materials
 - Delivery note of the certified wood or wood-based materials
- For 2 Mass balance of all newly installed concrete, earthwork materials and plant substrates by trade, including information about the percentage share of the newly installed total mass of the building material
 - A declaration from the construction companies verifying use of the recycled concrete in compliance with the relevant standards
 - Test certificates from (externally-monitored) recognised test centres for the recycled mineral materials. These certificates must have been issued no more than six months before the delivery of the recycled material.
 - Delivery notes
 - Manufacturer's declarations
 - The mass of the concrete that contains recycled aggregates has to be calculated separately; the percentage of recycled material has to be based on this mass.
 - The mass of earthwork materials and plant substrates has to be calculated as a total; the percentage of recycled material has to be based on this total mass.
 - For compliance, the respective total masses of the two fractions, earthwork materials/plant substrates and concrete, has to be analysed.
 - It is not permitted to offset/compensate the concrete and earthwork materials/plant substrates with/for one another.



Requirement 3: Avoidance of harmful substances in building materials

ANF3-1 Avoidance of harmful substances in building materials

Requireme	ents for QNG P	LUS Certifica	ation				
Requiremen	nts for:	KN21	WN21	WG23	BN/K22	UN/K22	NW23
The buildi	ng can only qu	alify for QNG	-PLUS Certif	ication if,			
1 • 7	The developer l the QNG qualit declare such co	has contractu y requiremer mpliance on	ally bound a hts for the ave completion e	ll of the const bidance of ham of their servic	ruction comp rmful substan es.	anies to comp ces and said co	liance with ompanies
Requireme	ents for QNG P	REMIUM Ce	rtification				
Requiremen	nts for:	KN21	WN21	WG23	BN/K22	UN/K22	NW23
The buildi	ng can only qu	alify for QNG	-PREMIUM	Certification i	if,		
2 •]	 Fulfilment of the QNG quality requirements for the avoidance of harmful substances has been verified for all newly installed materials and products. 						
Additional	assessment ba	ises					
 For 1 and 2 The QNG quality requirements for the avoidance of harmful substances are set out in annex "Avoidance of harmful substances in building materials" to this annex. Information provided in annex "Special calculation rule F-gases for LCA balancing rules QNG". 							
Required e	evidence						
For 1 •	List of all of th Excerpts of th Company dec	ne companies le contracts a larations and	s involved and nd/or quality l/or excerpts	d of the servic assurance ag of the accepta	ces they have j greements ance certificat	provided es	

- For 2 Tabular list of all newly installed materials and products that are subject to specific requirements, with all of the information necessary for the assessment
 - Documentation for the newly installed materials and products that demonstrates compliance with the requirements (technical data sheets, safety data sheets, sustainability data sheets and/or manufacturer declarations)



Requirement 4: Accessibility

ANF4-WG1 Accessibility

Requirem	<mark>ents for Q</mark>	NG PLUS Certification					
Requireme	Requirements for: KN21 WN21 WG23 NW23						
New build	New buildings with more than 5 residential units may only be awarded QNG-PLUS Certification on						
submissio	n of evide	nce that at least 80 % of the residential units and at least 80 % of the building's					
common	areas fulfi	l 7 of the following 8 requirements of the ' ready for occupancy ' standard:					
	Requiren	pents from the ready-auidance criteria A1 "Barrier free access"					
1	A11	Evidence of preparatory measures for the installation of the lift for providing					
1	711.1	access to all usable floors in particular with regard to the space and area					
		requirements, statics and foundations.					
2	A1.2	Access to the flats' entrance doors must be free from any steps and thresholds.					
	<u>Requiren</u>	nents from the ready-guidance criteria A2 "Sufficient space"					
3	A2.2	Access paths, corridors – useful width					
4	A2.4	Building, flat, lift shaft doors					
5	A2.5	Doors – useful passage width					
6	A2.6	Turning spaces outside the flat					
7	A2.7	Movement spaces within the flat					
	<u>Requiren</u>	nents from the ready-guidance criteria A4 "Appeal and safety"					
8	A4.4	A4.4 Stair angle (max. step height/min. step size)					
Requirem	ents for Q	NG PREMIUM Certification					
Requireme	nts for:	KN21 WN21 WG23 NW23					
New build	lings with	more than 5 residential units may only be awarded QNG-PREMIUM Certification					
on submis	on submission of evidence that all residential units and all of the building's common areas fulfil 7 of						
the follow	ving 8 requ	irements of the ' ready plus ' standard:					
	Requirer	nents from the ready-guidance criteria A1 "Barrier free access"					
1	A1.1	An installed lift for accessing all usable floors.					
2	A1.2	Access to the flats' entrance doors must be free from any steps and thresholds.					
	Requirer	nents from the ready-guidance criteria A2 "Sufficient space"					
3	A2.2	Access paths, corridors – useful width					
4	A2.4	Building, flat, lift shaft doors					
5	A2.5	Doors – useful passage width					
6	A2.6	Turning spaces outside the flat					
7	A2.7	Movement spaces within the flat					
	Requirements from the ready-guidance criteria A4 "Appeal and safety"						
	<u></u>	nents from the feady galatile enterna fri rippear and safety					



Additional assessment bases

For 1 • Explanations in annex 3.1.4 to Annex 3 "Accessibility in QNG" to 8

- For 1 Execution plans (floor plans, sections, views, detailed drawings)
- to 8 Photo documentation



ANF4-NW1 Accessibility

Requirements for QNG PLUS Certification					
Requirements for:BN/K22UN/K22NW23The building can only qualify for QNG-PLUS Certification if,					
 In the case of workplaces with 20 or more employees, at least 10% of the areas designated as workplaces, including the associated circulation and ancillary areas, are accessible (barrier-free) in accordance with the applicable standards and the generally recognised rules of technology. The floors on which these workplaces are located have barrier-free sanitary facilities. 					
Requirements for QNG PREMIUM Certification					
Requirements for:BN/K22UN/K22NW23The building can only qualify for QNG-PREMIUM Certification if,					
 In the case of workplaces, at least 25% of the areas designated as workplaces, including the associated circulation and ancillary areas, are accessible (barrier-free) in accordance with the applicable standards and the generally recognised rules of technology. The floors on which these workplaces are located have barrier-free sanitary facilities. 					
Additional account have					
For 1 . Puilding regulations of the federal states and the technical building regulations in particular					
 For 1 • Building regulations of the rederal states and the technical building regulations, in particular DIN 19040-1 					
Technical rules for workplaces					

- Guideline for building accessible spaces
- Compliance with the requirements of DIN 18040-1, plus evidence thereof, regardless of its applicability in the respective federal state.

For 1	٠	Layouts of the finished execution plan showing the planned 'barrier-free access' in the form
		of barrier-free routes to demonstrate the building's continuous barrier-free design

- Photo documentation
- Statement from the architect in charge or an expert for barrier-free construction verifying that the above requirements have been met.



Requirement 5: Natural hazards on site

ANF5-1 Natural hazards on site

Requirements for QNG PLUS Certification						
<i>Requi</i> The b	Requirements for: BN/K22 UN/K22 NW23 The building can only qualify for QNG-PLUS Certification if,					
1	The building's risk of being affected by specific natural hazards on site has been analysed and assessed. This analysis and assessment has to cover current and future risks arising from the local consequences of climate change with respect to					
1.1	1 Winter storms, hail, heat, heavy rainfall, lighting, snow loads,					
1.2	Flooding and					
1.3	Radon					
	and					
2	All known and foreseeable future above-average risks from natural hazards at the site have been responded to by means of structural or technical features of the building or the outdoor facilities close to the building and the same has been documented, or by means of organisational risk management measures that have been incorporated into the building's operating processes.					
Requirements for QNG PREMIUM Certification						
Requirements for: BN/K22 UN/K22 NW23 The building can only qualify for QNG-PREMIUM Certification if it meets the requirements for QNG-PLUS Certification.						
Addit	ional assessment hases					
For 1.1	 The risks to the building on site presented by winter storms, hail, heat, heavy rainfall, lightning and snow loads have to be analysed and assessed using the free information system "GIS-ImmoRisk Naturgefahren"¹ (hereinafter referred to as "ImmoRisk"). 					
For 1.2	• The risk of flooding has to be analysed and assessed using information from flood hazard maps or other suitable sources. There are no special requirements regarding information					

- 1.2 maps or other suitable sources. There are no special requirements regarding information sources. However, preference should be given to information provided by public institutions.
 For This has to be assessed by checking whether the property is located in a radon precautionary
- This has to be assessed by checking whether the property is located in a radon precautionary area as per the categorisations by the respective federal state. This can be checked using the information provided by the Federal Office for Radiation Protection².

¹ https://www.gisimmorisknaturgefahren.de/

² https://www.bfs.de/DE/themen/ion/umwelt/radon/karten/vorsorgegebiete.html



- For 2 This requires taking into account all of the above-average risks identified through the analysis and assessment according to No. 1.
 - The annex "Natural hazards on site" contains information on potential responses.
 - Above-average risks are
 - With regard to winter storms, hail, heat, heavy rainfall, lightning and snow loads, the ratings "Elevated" and "High" on ImmoRisk (see annex "*Natural hazards on site*").
 - With regard to flooding, if at least a medium probability (return interval of at least 100 years analogous to \$74 WHG) of a flooding event has been identified for the building's location.
 - With regard to radon, if the building is located in a radon precautionary area in which buildings and workplaces are subject to requirements for reducing radon exposure in accordance with the Radiation Protection Act.

- For 2 All of the analysis and assessment results and the measures taken in response to risks to the building at the site from the natural hazards of winter storms, hail, heat, heavy rainfall, lightning, snow loads, flooding and radon must be documented in the FORM provided in the annex "*Natural hazards on site*".
 - If there is an above-average risk of flooding, applicants must present a precautionary concept that shows how sensitive areas and/or functions of the building (e.g. IT systems, document and cultural asset storage, tanks) will be protected in the event of flooding. This precautionary concept must state the type and scope of the current protection against flood events or the level of protection achievable in future by adapting the building.



Requirement 6: Green roof

ANF6-1 Green roof – Version 1

Requirements for QNG PLUS Certification					
Requirements for: BN/K22 UN/K22 NW23 The building can only qualify for QNG-PLUS Certification if,					
1 The potential and the area suitable for a green roof has been analysed and					
2 At least 50 % of the identified green roof potential of newly built roofs are used as green roofs.					
Requirements for QNG PREMIUM Certification					
Requirements for: BN/K22 UN/K22 NW23					
The building can only qualify for QNG-PREMIUM Certification if,					
1 The potential and the area suitable for a green roof has been analysed and					
2 At least 70 % of the identified green roof potential of newly built roofs are used as green roofs.					
Additional assessment bases					
 For 1 The analysis of the roof's suitability for green roofing must take into account the roof pitch and exposure to shade of all newly constructed roof surfaces. A roof surface's suitability for green roofing has to be determined based on its pitch: Particularly suitable: 0°-5° pitch Very suitable: >5°-10° pitch Suitabile: >10°-15° pitch Limited suitability: >15°-35° pitch Not suitable: >35° pitch The green roof potential is the total of the 'Particularly' suitable and 'Very suitable' roof areas. For 2 A green roof is considered a green roof within the meaning of the requirement levels if The green roof was created using seeds appropriate for the location in accordance with the 2018 guidelines for the planning, construction and maintenance of green roofs (FLL Green Roof Guidelines) and 					
 o The height of the substrate of the green roof is at least 10 cm or, where used in combination with a photovoltaic system, at least 6 cm. o It is not permissible to compensate for insufficient surface area by increasing the substrate. o It is not permitted to compensate for insufficient space by greening the roofs of other buildings (e.g. detached garages, roofed bin storage areas, etc.). o The basis for the assessment is the roof surface up to the outside of the parapet. o Technical superstructures (including PV systems) and roof terraces are not deducted. 					



Required evidence						
For 1	•	A green roof suitability analysis and an assessment of the suitability of all roof surfaces for greening, plus a calculation of the area with green roof potential				
For 2	• Execution plan (layout plans, top views of the roof, plans of the grounds, sec detailed drawings of roof structures)					
	٠	Calculations of the areas that have been turned into green roofs				
	٠	Photo documentation of the finished green roof areas				



Changes made to the previous version

Date	Page	Change
01.03.2023		Editorial change "NRF (R)"
19.07.2024	All	Updating of the QNG logo
	9	Addition of the evidence required for sustainable material production
	12	Update of the additional assessment bases for the accessibility requirements
	16	Update of the additional assessment bases for the green roof requirements