

Iceland Liechtenstein Norway grants

(De)construct for Circular Economy
(Des)construir para a Economia Circular

WP 2 – Regulatory framework

Activity 2.2 – Common regulatory framework

Final report

December 2022

Operador do Programa:



Promotor:



Parceiros:



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Baixo Alentejo municipalities involved in the consultation process: Aljustrel, Castro Verde, and Ourique.

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Content

Preliminary note	1
Regulatory clauses' proposal	3
Annex I – Background information and reflexion basis to the regulatory clauses' proposal	12
Annex II – Supporting references to the regulatory clauses' proposal.....	20
Annex III – Dissemination actions (photographic register).....	23

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Preliminary note

The main objective of the (De)construct for Circular Economy project is to promote a regional strategy for the re-use of building products and components as well as the recycling of construction and demolition waste (CDW), thus reducing the environmental impact of the construction sector and promoting its circularity.

One of the project tasks involved the creation of a proposal of regulatory clauses for the *Baixo Alentejo* region municipalities. In this context, Work Package (WP) 2 (regulatory framework) was articulated in three specific activities:

- Activity 2.1 – Legal framework analysis;
- Activity 2.2 – Common regulatory framework;
- Activity 2.3 – Dissemination/capacitation.

This report presents, after this preliminary note, the regulatory clauses' proposal elaborated within Activity 2.2, with the objective of improving CDW management at a local scale and to enhance the application of the principles of circularity in the construction sector. The aforementioned proposal was prepared considering the contributions recorded in Annex I, namely:

- The actual Portuguese regulatory framework;
- The results of the previous phase (Activity 2.1), where *Baixo Alentejo* municipalities, other pre-selected Portuguese municipalities, and some municipalities in Norway, in Czech Republic and in Romania were consulted, with the purpose of enriching the reference diagnosis useful for the following phases (CIMBAL *et al.*, 2021; see Annex II).
- The results obtained in the workshops developed in Portugal, within the scope of WP7 (Information, awareness and training), with the municipal technicians from the *Baixo Alentejo* region, as well as with the representatives of the regional micro and small construction companies (FCT NOVA, 2021a,b,c,d,e,f; see Annex II);
- The information collected from the municipal technicians, within the scope of the face-to-face meetings and monitoring work that FCT NOVA has been developing within the scope of WP1, Activity 1.5, namely in May of 2021, and January and February of 2022 (FCT NOVA, 2021g; see Annex II);
- The results achieved within WP4 tasks (pre-demolition audits) (LNEG, 2021 & 2022a, b).

A consultation process has been followed, in which the proposal was submitted to the *Baixo Alentejo* municipalities consideration, as well as the project partners involved in WP 2, in the period between June 9th and July 22nd of 2022, so that necessary changes could be suggested. Regarding the *Baixo Alentejo* municipalities, the following participated: *Aljustrel*, *Castro Verde*, and *Ourique*. Concerning the project partners involved in WP 2, the following contributed: CNPCD (Romania), Enviros (Czech Republic) and ID Norway.

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The proposal final version, presented in this report and to be considered by the *Baixo Alentejo* municipalities, was disseminated through two specific actions, with different but complementary target audiences: municipal technicians, on November 16th of 2022, and municipal executive, on December 12th of 2022 (Annex III).

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Regulatory clauses' proposal

to improve CDW management at a local scale and to promote the implementation of circular economy principles to the construction sector

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Preamble

This regulatory clauses' proposal intends the improvement of construction and demolition waste (CDW) management at a local scale, also enhancing the application of circular economy principles in the construction sector, in *Baixo Alentejo* region, considering the following:

- The adjustment of the European regulatory framework, namely in what regards the Directive 2018/851, of May 30th, which amends Directive 2008/CE/98, of November 19th, recognized as the Waste Framework Directive (WFD);
- The transposition into Portuguese law of the European regulatory framework mentioned in the previous point, namely to the Portuguese new Law on Waste (nLoW), published in the Annex I of Decree-Law 102-D/2020, of December 10th, amended by Rectification Declaration 3/2021, of January 21st, and by Law 52/2021, of August 10th (and with the consequent repeal of Decree-Law 46/2008, of March 12th);
- The articulation of the Portuguese guidelines for the construction sector and for CDW management contemplated in the nLoW, with the Public Contracts Code (Decree-Law 18/2008, of January 29th, amended and republished by Decree-Law 111-B/2017, of August 31st, with subsequent amendments) and with the Urbanization and Buildings Legal Regime (Decree-Law 555/99, of December 16th, with its succeeding amendments);
- The outdated of municipal regulations in *Baixo Alentejo* region, with a focus on waste management topics, hygiene and urban cleaning, and urban planning, in what regards the issues related to CDW management, procedural control into the construction activity, and other aspects related to the application of concepts and tools that aim to promote the implementation of circular economy principles into the construction sector, with a focus on selective demolition;
- The vision of progressing, within the scope of the (De)construct for Circular Economy project, with the harmonization of the municipal regulatory framework, in what regards the matters listed in the previous point, with readjustment regarding the definition of responsibilities and actions;
- The option of presenting a wide proposal of regulatory clauses to be applied at a regional level, which consider the update of the regulatory guidelines, as well as a reflection on the vision of other municipal regulations, although without focusing on specific issues that fall within the scope of the municipalities' choices for the solutions made available in the respective areas of intervention;
- The preference for presenting a single regulatory clauses' proposal, without demanding the specific areas of action in which each one of them can be framed, leaving this decision to be evaluated later, in view of each municipality reality, although bearing in mind that the legal requirements and the definition of responsibilities will be assured, as well as the prior consultation with the competent authorities, namely the Water and Waste Services Regulation Authority, in Portugal (ERSAR).

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Regulatory clauses' proposal

A. Scope

- A1. This regulatory clauses' proposal is applied to construction and demolition waste (CDW) management of whose responsibility, according to the Portuguese legal framework in course, falls on the municipal system responsible for municipal waste (MW) management [hereinafter referred to only as "municipal system"], with particular emphasis on its separate collection at generation sites, as well as its transport and preliminary storage in MW management centres;
- A2. The proposal also focuses on complementary matters interrelated with the application of circular economy principles to the construction sector, through the use of promotion tools, related to the procedures and requirements associated to the deconstruction processes, with the aim of encouraging the preparing for re-use and re-use of construction materials, as well as CDW recovery;
- A3. For all the subjects that are missing in this proposal, the requirements of the Portuguese new Law on Waste (nLoW) and, whenever applicable, its proper articulation with the Urbanization and Buildings Legal Regime (UBLR) shall be observed, when related to private construction works subject to prior control, and the Public Contracts Code (PCC), in public construction works case, in addition to complementary regulations affecting the construction sector and the Green Public Procurement policies and requirements.

B. Definitions

- B1. For the purposes of this regulatory clauses' proposal, the following definitions shall apply:
- a) Abandonment: the waste control waiver, without any specific beneficiary, inhibiting its correct and effective management;
 - b) Collection: the gathering of waste, including the preliminary sorting and preliminary storage of waste for the purposes of transport to a waste treatment facility;
 - c) Construction and demolition waste: waste resulting from the construction, reconstruction, expansion, alteration, conservation, and demolition activities, and from buildings collapse;
 - d) Deconstruction: the sequencing of demolition activities that allow the separation and selection of construction materials;

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- e) Disposal: any operation (namely the ones listed in the Annex I of the Portuguese nLoW) which is not recovery even where the operation has as a secondary consequence the reclamation of substances or energy;
- f) Municipal waste: waste resulting from i) mixed waste and separately collected waste from households, including paper and cardboard, glass, metals, plastics, bio-waste, wood, textiles, packaging, waste electrical and electronic equipment, waste batteries and accumulators, and bulky waste, including mattresses and furniture; and ii) mixed waste and separately collected waste from other sources, where such waste is similar in nature and composition to waste from households;
- g) Operator: any singular or legal person who manages waste;
- h) Pre-demolition audit: assessment of material flows, construction elements and construction and demolition waste associated to the demolition or rehabilitation of buildings, identifying the various resources, their respective quantities, and reuse potential of applications, recycling, and adequate disposal;
- i) Preliminary storage: the controlled disposal of waste at a facility where waste is unloaded in order to be prepared for further transport for treatment purposes as part of the collection process;
- j) Preparing for re-use: checking, cleaning or repairing recovery operations, by which products or components of products that have become waste are prepared so that they can be re-used without any other pre-processing;
- k) Recovery: any operation (namely the ones listed in the Annex II of the Portuguese nLoW) the principal result of which is waste serving a useful purpose by replacing other materials which would otherwise have been used to fulfil a particular function, or waste being prepared to fulfil that function, in the plant or in the wider economy;
- l) Recycling: any recovery operation by which waste materials are reprocessed into products, materials or substances whether for the original or other purposes; it includes the reprocessing of organic material but does not include energy recovery and the reprocessing into materials that are to be used as fuels or for backfilling operations;
- m) Re-use: any operation by which products or components that are not waste are used again for the same purpose for which they were conceived;
- n) Separate collection: collection where a waste stream is kept separately by type and nature so as to facilitate a specific treatment;
- o) Sorting: the act of separating waste through a manual or a mechanical process, without altering its characteristics and with a treatment view;

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- p) Treatment: recovery or disposal operations, including preparation prior to recovery or disposal;
- q) Waste collection and storage centre: the place where the separated waste is placed and where the preliminary storage and/or sorting of such waste is carried out for later transport and treatment;
- r) Waste holder: the waste producer or the natural or legal person who is in possession of the waste;
- s) Waste management: the collection, transport, recovery (including sorting), and disposal of waste, including the supervision of such operations and the after-care of disposal sites, and including actions taken as a dealer or broker;
- t) Waste producer: anyone whose activities produce waste (original waste producer) or anyone who carries out pre-processing, mixing or other operations resulting in a change in the nature or composition of this waste (secondary waste producer).

C. Responsibility for CDW management

- C1. The municipal system¹ has the responsibility to ensure the collection, transport and/or reception of CDW arising from small repairs and minor do-it-yourself (DIY) construction and demolition activities, within private households, carried out by the owner or tenant (waste producer), by applying the respective tariff, if applicable;
- C2. In private construction works exempt from prior control, and under UBLR terms, the municipal system is responsible for the management of CDW containing asbestos, upon payment of the corresponding tariff, if applicable;
- C3. Without prejudice to the municipal system opting to manage other CDW resulting from origins not mentioned in the previous points, it is up to the CDW producer, in the first instance (or to the waste holder, without prejudice to the co-responsibility of all those involved in the life cycle of the products, to the extent of the respective intervention in it), safeguard the final destination for those CDW.

D. CDW collection service

- D1. The municipal system provides a separate collection and transport service for CDW arising from small repair and DIY construction works, in private households, carried out by the owner or tenant;
- D2. It is up to the producer of the CDW arising from the source mentioned in the previous point to inform in advance the municipal system regarding the need to transport the CDW to the municipal CDW collection and storage centres;

¹ Municipal System: a municipality or an entity representing a group of municipalities, that shares waste management responsibilities, taking into consideration a specific regulatory framework, as well as considering the contracts established between the parties.

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- D3. All CDW movements shall be accompanied by electronic waste tracking guides (e-GAR, in Portugal), in compliance with the applicable legislation and procedures;
- D4. The municipal system ensures proper information and awareness among stakeholders, through proximity communication channels, aiming at speeding up the procedures compliance.

E. Municipal CDW collection and storage centres

- E1. The municipal system provides waste collection and storage centres, which include the preliminary storage of CDW whose management responsibility is assigned to it, in addition to those arising from direct administration construction works, and those resulting from CDW abandonment cleaning actions, although for a period not exceeding three years;
- E2. The preliminary storage referred to in the previous point shall focus, in a first instance, on the mineral fraction (*i.e.*, concrete, bricks, tiles, ceramics, and stones) resulting from the CDW sorting at the place of generation, as it is produced in larger quantity and has great recyclability potential, and for these reasons it shall be encouraged to deliver it to the municipal collection and storage centres without being mixed with other types of waste;
- E3. In addition, whenever justified, the municipal system shall ensure preliminary storage conditions for other CDW types with management under its responsibility, with a focus on metal, glass, plastic, wood, and gypsum;
- E4. The municipal system has the right to refuse the reception of CDW that do not comply with the established reception requirements;
- E5. CDW can only be received if they are accompanied by an e-GAR, in compliance with the applicable legislation and procedures;
- E6. Whenever relevant and feasible, the municipal system makes available, in the same space used for the CDW reception and preliminary storage, conditions for storing construction materials for later preparing for re-use and re-use, by the municipal system itself or by other stakeholders, through the transference of the materials in question, under the conditions that may be established between the parties;
- E7. The municipal system ensures proper information and awareness among stakeholders, through proximity communication channels, aiming at speeding up the procedures compliance.

F. CDW processing and technical specifications

- F1. CDW can be used on construction sites as long as they comply with the safety principles, environment and human health protection, and meet the technical specifications for the applications for which they are

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Parceiros:



intended, whose validation of the procedures is from the responsibility of the project manager or, alternatively, the construction work responsible;

F2. With relevance to municipal systems, the National Waste Authority defines and publishes, on its website, the technical specifications that include, among others, the following uses: materials arising from CDW on rural and forest roads, and materials resulting from CDW for ditches filling.

G. Procedural control

G1. Within the scope of private construction works subject to licensing or prior communication, in conjunction with the UBLR:

G1.1. Requests for administrative license, as well as prior communication, shall indicate, under the owner responsibility, CDW types and quantities that are estimated to be generated for the intervention in question, as well as the CDW management solutions to be adopted, giving priority to its recovery and avoiding its disposal;

G1.2. It is a condition for the issuance of the authorization for use, or for the provisional acceptance of construction works, the area cleaning, the correct CDW management, in articulation with the Portuguese nLoW, and the eventual repair of damages or deteriorations that had been caused;

G1.3. In order to comply with the requirements mentioned in the previous point, requests shall be accompanied by a declaration that attests the correct CDW management in the construction phase, and its transport to an authorized waste treatment operator, including information on the types of CDW and the respective quantities generated, relating these information to what was initially planned for the intervention in question, and attaching the respective e-GAR or other documentation that proves the procedures adopted;

G1.4. The amount of the deposit intended to ensure the proper and regular execution of the operations mentioned in the point 2 of article 86 of the UBLR, includes a component allocated to the correct CDW management so that, in the eventuality of non-compliance, the municipal system has conditions to replace the management that was due;

G1.5. The use of recycled materials or materials that incorporate recycled components shall be maximized, in relation to the total amount of raw materials used in the construction work.

G2. Within the contracts and concessions of public construction works scope, in articulation with the PCC:

G2.1. The execution project is accompanied by a specific CDW Prevention and Management Plan (CDW-PMP), under the nLoW requirements;

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Parceiros:



G2.2. The correct execution of the CDW-PMP restricts the administrative acts associated with the reception of the work, under the terms provided for it in the PCC, namely in the provisional acceptance certificate;

G2.3. In order to comply with the requirements mentioned in the previous point, requests shall be accompanied by a declaration that attests the correct CDW management in the construction phase, and its transport to an authorized waste management operator, including information regarding CDW types and the respective quantities generated, relating these information to what was initially planned in the CDW-PMP for the intervention in question, and attaching the respective e-GAR or other documentation that proves the procedures adopted;

G2.4. The use of recycled materials or materials that incorporate recycled components shall be maximized (being mandatory the use of, at least, 10% of these materials), in relation to the total amount of raw materials used in the construction work, under the nLoW requirements.

H. Deconstruction

H1. The elaboration of projects and the respective execution on construction sites shall privilege the adoption of methodologies and practices that favour construction methods that facilitate selective demolition, oriented towards the application of the prevention and reduction principles, the waste hierarchy and the deconstruction processes conception;

H2. Within the scope of the subject recommended in the previous point, private construction works subject to prior control shall present, at the design stage, a deconstruction plan;

H3. Regardless of the previous clause, in all residential, commercial and/or industrial buildings where there is evidence of hazardous substances, or where there is contact with hazardous substances, or where hazardous substances have been produced, processed, stored or distributed, a pre-demolition audit shall be carried out before the selective demolition plan development, in addition to the compliance with the mandatory requirements existing at a national level;

H4. The solutions included in the pre-demolition audit shall be included in the selective demolition plan.

H5. The municipal system shall provide information and raise awareness among actors who may be involved in the implementation of the pre-demolition audit guide² or who benefit from the information contained therein, through proximity communication channels, in order to inform about the need for its use, benefits, and/or the existence of training actions.

² A guide was developed within the scope of the (De)construct for Circular Economy project, more precisely in WP 4 (Pre-demolition audits), to be implemented in *Baixo Alentejo* region (LNEG, 2022b); another guide is being developed, at a national level (Portugal), within CLOSER project (<http://closer.lneg.pt>).

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I. Tariff

- I1. The cost for CDW delivery at municipal systems' facilities depends on the fulfilment of the conditions agreed at regional level;
- I2. The CDW delivery costs, at municipal systems' facilities, as long as arising from small repairs and minor DIY construction and demolition activities, within private households, carried out by the owner or rental (waste producer), shall tend to be free of charge, attesting the origin' veracity and if the quantity delivered is expected for interventions with those characteristics;
- I3. CDW resulting from the remaining interventions, namely those arising from activities carried out by construction companies, are subject to a tariff that covers the real costs of the respective management operations, establishing different values for the following four classes: hazardous CDW, CDW mineral fraction without contaminants, CDW mineral fraction with contaminants, and other CDW.
- I4. Municipal systems reserve the right to change, when duly justified, the conditions defined in the previous clause, with the aim of safeguarding and promoting the CDW sorting onsite, as well as the mitigation of CDW illegal dumping occurrences.

J. Sanctions

- J1. The administrative sanctions mentioned in the Portuguese nLoW regarding CDW management shall be applied accordingly, or other to be decided by the municipalities.

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ANNEX I – Background information and reflexion basis to the regulatory clauses’ proposal

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Clause (proposal)		Background information or reflexion basis			
		Regulatory framework (Portugal)	Considering data collected within WP2, Activity 2.1 (municipal regulations)		Other sources (Within the scope of other project activities)
			Baixo Alentejo municipalities	Other Portuguese municipalities consulted	
A	A1	N.A.	N.A.	N.A.	N.A.
	A2				
	A3				
B	B1	Directive 2018/851, of May 30 th (amends WFD – Directive 2008/CE/98, of November 19 th) nLoW, article 3	N.A.	N.A.	N.A.
C	C1	nLoW, article 49	N.A.	Operating Rules of the Municipal Ecocenter of S. João da Madeira, Annex IV	Workshops with municipalities and construction companies of Baixo Alentejo region, within the scope of WP7, Activity 7.2, Sessions A, B and C (March, September, and December of 2021, respectively) (FCT NOVA, 2021a, b,c,d,e,f)
	C2	Ordinance 40/2014, of February 17 th , article 3	N.A.	MR on MW and Public Cleaning of Aveiro, article 28	
	C3	nLoW, article 49	N.A.	N.A.	

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Clause (proposal)		Background information or reflexion basis			
		Regulatory framework (Portugal)	Considering data collected within WP2, Activity 2.1 (municipal regulations)		Other sources (Within the scope of other project activities)
			Baixo Alentejo municipalities	Other Portuguese municipalities consulted	
D	D1	nLoW, articles 31 and 36	N.A.	N.A.	Workshops with municipalities and construction companies of Baixo Alentejo region, within the scope of WP7, Activity 7.2, Sessions A, B and C (March, September, and December of 2021, respectively) (FCT NOVA, 2021a, b,c,d,e,f)
	D2	N.A.	MR on MW of Aljustrel, article 31 MR on MW of Almodôvar, article 31 MR on MW Management, Public cleaning and Urban Hygiene of Castro Verde, article 29 MR on MW Management and Public Cleaning Service of Ourique, article 33 MR on MW Management of Serpa, article 29 MR of MW Management and Public Cleaning Service of Vidigueira, article 30	MR of MW Management Service of Alcoutim, article 30 MR of MW Management and Public Cleaning Services of S. João da Madeira, article 21	
	D3	Ordinance 145/2007, of April 26 th , amended by Ordinance 28/2019, of January 18 th	N.A.	N.A.	
	D4	N.A.	MR on MW Management of Alvito, article 13	Regulation of MW Management Service of Ericeira and Abrunheira EcoCenter, article 7	

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Clause (proposal)		Background information or reflexion basis			
		Regulatory framework (Portugal)	Considering data collected within WP2, Activity 2.1 (municipal regulations)		Other sources (Within the scope of other project activities)
			Baixo Alentejo municipalities	Other Portuguese municipalities consulted	
E	E1	nLoW, article 35	N.A.	MR of MW Management and Public Cleaning Services of S. João da Madeira, article 21 Regulation of MW Management Service of Ericeira and Abrunheira Ecocenter, article 22	Workshops with municipalities and construction companies of Baixo Alentejo region, within the scope of WP7, Activity 7.2, Sessions A, B and C (March, September, and December of 2021) (FCT NOVA, 2021a, b,c,d,e,f)
	E2	Relation with the nLoW, article 51	N.A.	N.A.	N.A.
	E3				
	E4	N.A.	N.A.	MR of MW Management and Public Cleaning Services of S. João da Madeira, article 22	Perception gathered from the Baixo Alentejo municipalities during the face-to-face meetings and monitoring work, within the scope of WP1, Activity 1.5 (May of 2021; January, February and April of 2022) (FCT NOVA, 2021g)

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Clause (proposal)		Background information or reflexion basis			
		Regulatory framework (Portugal)	Considering data collected within WP2, Activity 2.1 (municipal regulations)		Other sources (Within the scope of other project activities)
			Baixo Alentejo municipalities	Other Portuguese municipalities consulted	
	E5	Ordinance 145/2007, of April 26 th , amended by Ordinance 28/2019, of January 18 th	N.A.	N.A.	Workshops with municipalities and construction companies of Baixo Alentejo region, within the scope of WP7, Activity 7.2, Session A (March of 2021) (FCT NOVA, 2021a, b)
	E6	N.A.	N.A.	N.A.	
	E7	N.A.	N.A.	N.A.	
F	F1	nLoW, article 52	N.A.	N.A.	Workshops with municipalities and construction companies of Baixo Alentejo region, within the scope of WP7, Activity 7.2, Session A (March of 2021) (FCT NOVA, 2021a, b)
	F2	nLoW, article 53	N.A.	N.A.	
G (G1)	G1.1	N.A.	MR of MW of Aljustrel, article 31	Regulation on Urbanization of Figueira da Foz, article 3 Regulation on Urbanization and Buildings of Sintra, article 103	Workshops with municipalities and construction companies of Baixo Alentejo region, within the scope of WP7, Activity 7.2, Session B (September of 2021) (FCT NOVA, 2021c, d)
	G1.2	UBLR, article 86 nLoW, article 49	MR of MW of Almodôvar, article 31 MR of MW Management Service of Beja (1 st revision proposed), article 44		
	G1.3	nLoW, article 49	MR of MW of Mértola, article 25 MR of MW Management and Public Cleaning Service of Moura, article 43		

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Clause (proposal)		Background information or reflexion basis			
		Regulatory framework (Portugal)	Considering data collected within WP2, Activity 2.1 (municipal regulations)		Other sources (Within the scope of other project activities)
			Baixo Alentejo municipalities	Other Portuguese municipalities consulted	
			MR of MW Management and Public Cleaning Service of Ourique, article 33		
	G1.4	nLoW, article 49 nLoW, article 56 (articulated with UBLR, article 86)	N.A.	N.A.	
	G1.5	N.A. (option to relate to nLoW, article 28)	N.A.	N.A.	
G (G2)	G2.1	PCC, article 43 nLoW, article 55	N.A.	N.A.	Workshops with municipalities and construction companies of Baixo Alentejo region, within the scope of WP7, Activity 7.2, Session B (September of 2021) (FCT NOVA, 2021c, d)
	G2.2	PCC, article 395 nLoW, article 55	N.A.	N.A.	
	G2.3	N.A.	N.A.	N.A.	
	G2.4	nLoW, article 28	N.A.	N.A.	
H	H1	nLoW, article 50	N.A.	N.A.	N.A.

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Clause (proposal)		Background information or reflexion basis			
		Regulatory framework (Portugal)	Considering data collected within WP2, Activity 2.1 (municipal regulations)		Other sources (Within the scope of other project activities)
			Baixo Alentejo municipalities	Other Portuguese municipalities consulted	
	H2	nLoW, article 49	N.A.	N.A.	N.A.
	H3	N.A.	N.A.	N.A.	LNEG, 2021 & 2022
	H4	N.A.	N.A.	N.A.	Stakeholders’ consultation:
	H5	N.A.	N.A.	N.A.	Workshops with construction companies and municipalities of Baixo Alentejo region, within WP4 consultation process (January 27 th and February 1 st of 2022, respectively); meetings with partners and other stakeholders. Contacts with the CLOSER project
I	I1	N.A.	N.A.	N.A.	Workshops with municipalities and construction companies of Baixo Alentejo region, within the scope of WP7, Activity 7.2, Sessions B and C (September, and December of 2021) (FCT NOVA, 2021c, d,e,f)
	I2	N.A.	N.A.	N.A.	
	I3	N.A.	N.A.	N.A.	
	I4	N.A.	N.A.	N.A.	Perception gathered from the Baixo Alentejo municipalities during the face-to-face meetings and monitoring

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Clause (proposal)		Background information or reflexion basis			
		Regulatory framework (Portugal)	Considering data collected within WP2, Activity 2.1 (municipal regulations)		Other sources (Within the scope of other project activities)
			Baixo Alentejo municipalities	Other Portuguese municipalities consulted	
					work, within the scope of WP1, Activity 1.5 (May of 2021; January, February and April of 2022) (FCT NOVA, 2021g)
J	J1	nLoW, article 117	N.A.	N.A.	N.A.

UBLR – Urbanization and Buildings Legal Regime (Portugal) (Decree-Law 555/99, of December 16th, with subsequent amendments)

MR – Municipal Regulation

MU – Municipal Waste

N.A. – Not Applicable

nLoW – new Law on Waste (Portugal) (Annex I of Decree-Law 102-D/2020, of December 10th, amended by Declaration of Rectification 3/2021, of January 21st, and by Law 52/2021, of August 10th)

PCC – Public Contracts Code (Portugal) (Decree-Law 18/2008, of Janeiro 29th, amended and republished by Decree-Law 111-B/2017, of August 31st, with subsequent amendments)

WFD – Waste Framework Directive (Directive 2008/CE/98, of November 19th, amended by Directive 2018/851, of May 30th)

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ANNEX II – Supporting references to the regulatory clauses’ proposal

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Parceiros:



ANNEX III – Dissemination actions (photographic register)

Operador do Programa:



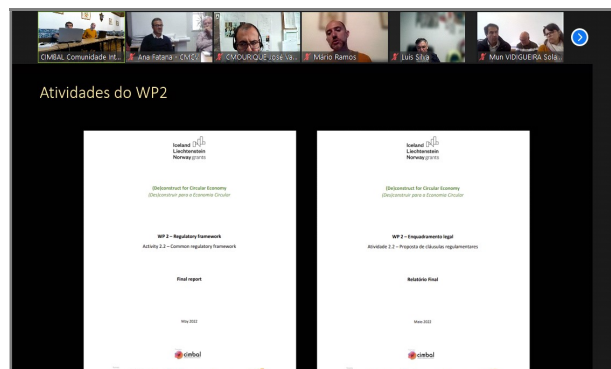
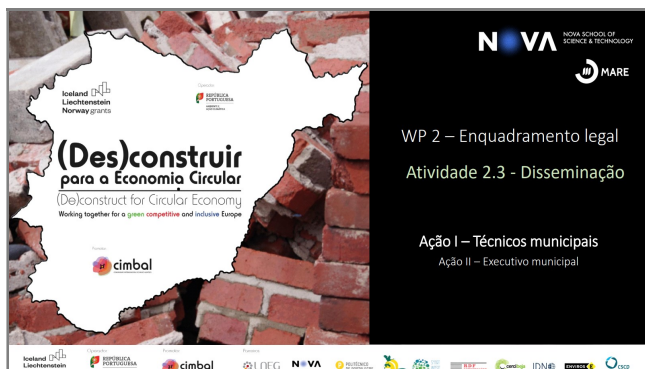
Promotor:



Parceiros:



Municipal technicians



Contexto das cláusulas

F. Processamento de RCD e especificações técnicas

- Os RCD podem ser utilizados em obra desde que satisfaçam as exigências técnicas para as aplicações a que se destinam
- A validação dos procedimentos é da responsabilidade do diretor de obra ou, em alternativa, do responsável pela obra (artigo 52 do nRGGR)

Nota: a ANR define e publicita (em articulação com o LNEC) as especificações técnicas para os RCD

Operador do Programa:



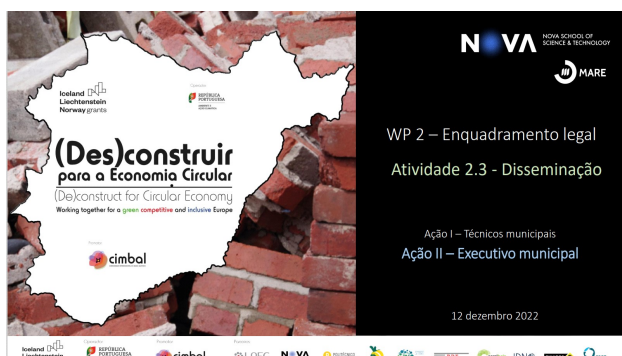
Promotor:



Parceiros:



Municipal executive



Operador do Programa:



Promotor:



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