

A nighttime photograph of a cityscape, likely Brussels, featuring a river and a bridge. The city lights are visible in the background, and the sky is a deep blue. The Uponor logo is in the top right corner.

uponor

Revision of the EU Drinking Water Directive

Ilari Aho

Vice President, Uponor Corporation

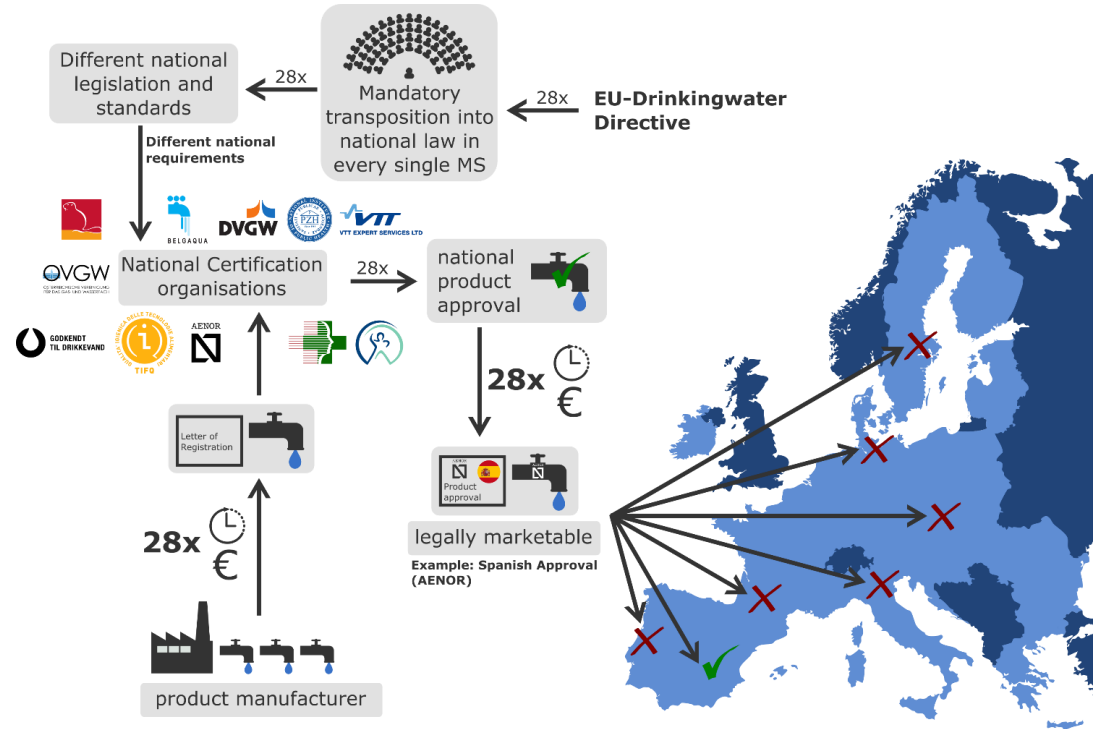
REHVA Fellow

Chairman, WG Drinking Water Policy, TEPPFA The European Plastic Pipe and Fitting Association

REHVA Brussels Summit
Nov 4-5, 2019

What is the issue?

- The Drinking Water Directive (98/83/EC) has led to the **proliferation of national provisions** to ensure the hygienic safety of materials and products in contact with drinking water
- Member States have often adopted **divergent provisions**, while some Member States still **do not have any scheme** to assess the safety of such materials and products



What does the industry expect?

European Drinking Water (EDW)

- supports the development of a **harmonised EU-wide regulatory framework**
- as a way to safeguard **equal drinking water quality** for the consumers across Europe; and
- improve the **competitiveness and innovation capability** of the European industry.

European Drinking Water is an alliance of 30 European trade associations representing industries supplying materials and products in contact with drinking water:

- Manufacturers of **raw materials** (metals, plastics, elastomers, silicones, etc.)
- Manufacturers of **products** (Pumps, pipes, valves, taps, fittings, water treatment, water heaters, catering equipment, seals, etc.)



www.europeandrinkingwater.eu

The key element in DWD: Article 10a

- Defines a European approach for minimum requirements for **materials** that come into contact with water intended for human consumption
- States that relevant **product** regulations shall respect the requirements of the DWD
- Allows Member States to maintain national minimum requirements, pending the adoption of the EU wide approach defined in the DWD
- Sets deadlines for implementation of the EU wide approach
 - Common methodologies, procedures and methods:
3 years after entry into force of the DWD
 - European positive lists:
4 years after entry into force of the DWD

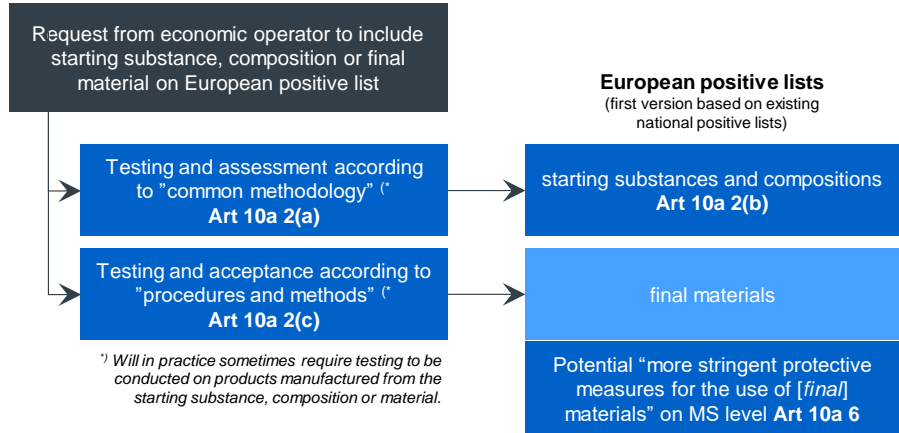
Article 10a

Minimum requirements for materials that come into contact with water intended for human consumption

1. For the purposes of Article 4, Member States shall ensure that materials that are intended to be used in new installations or, in case of major repair works or reconstruction, in existing installations for abstraction, treatment or distribution of water intended for human consumption and that come into contact with such water do not:
 - (a) directly or indirectly compromise human health protection as provided for by this Directive;
 - (b) adversely affect the colour, odour or taste of the water;
 - (c) enhance microbial growth;
 - (d) leach contaminants into the water at levels that are higher than necessary in view of the intended purpose.
2. For the purpose of ensuring the uniform application of paragraph 1, the specific minimum hygiene requirements for materials shall be established through implementing acts laying down:
 - (a) common methodologies for testing and accepting starting substances and compositions to be included in European positive lists, including substance or material related specific migration limits and scientific pre-conditions (e.g. scientific knowledge of food contact materials, 10 % allocation factor in relation to tolerable daily intake);
 - (b) European positive lists of starting substances or compositions for each group of materials (organic, cementitious, metallic, enamels, ceramic or other inorganic material) authorized to be used for manufacturing of materials, including, where appropriate, conditions for their use and migration limits, determined on the basis of the common methodologies adopted pursuant to subparagraph (a).

How would material and product approval work under the Council general approach for the DWD?

Positive listing of starting substances, compositions and materials (under DWD)

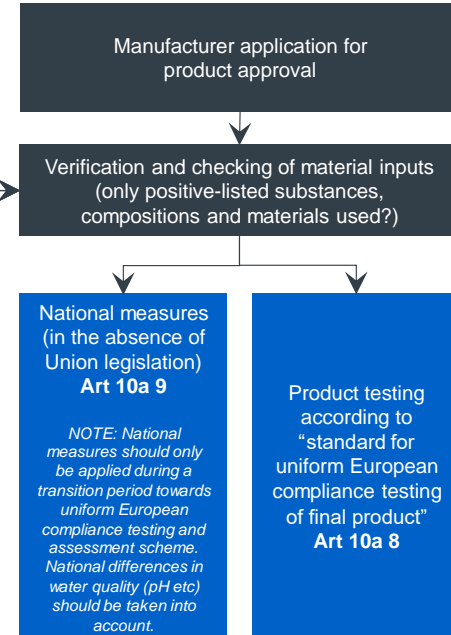


¹⁾ Will in practice sometimes require testing to be conducted on products manufactured from the starting substance, composition or material.

 = included explicitly in Council general approach for DWD

 = included in between the lines of the Council general approach but not explicitly; art 10a 2(b) refers to "European positive lists of starting substances or compositions" but 2(c) only to "procedures and methods for testing and accepting final materials [...] on the European positive lists". The establishment of an actual positive list for final materials is not mentioned. Perhaps 2(a) and 2(c) should be combined to one single clause on methods/procedures, and 2(b) should also mention final materials as part of the positive list.

Product approval (under CPR and other product reg's)



NOTE: European product regulation should include the definition of product requirements, limit/threshold values for acceptance, etc; and a unified procedure for compliance assessment, not only a testing standard.

Timeline in the EU institutions

	2018												2019																	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12						
Commission	Publication of the Commission proposal including impact assessment + (1 February 2018)																													
Parliament		Choice of the Rapporteur and Shadows (MEPs leading the legislative process) – ENVI Committee			All amendments tabled (13 June 2018)			Vote on the amendments in the Environment Committee (10 September 2018)		Final vote in the Plenary (23 October 2018)				Formal adoption of the plenary position (27 March 2019)																
Council					Policy debate of Environment Ministers (25 June 2018)		Discussions in technical working groups												Adoption of the Council General Approach (6 March 2019)											
Trilogue negotiations during the Finnish Presidency of the EU Council First meeting Oct 7 2019																														

Build on Uponor

Ilari Aho

ilari.aho@uponor.com

 @IlariAho

 <https://www.linkedin.com/in/ilariaho>

communications@uponor.com

Uponor IR site: *investors.uponor.com*

Uponor's IR app:  Download on the **App Store**  GET IT ON **Google play**

Follow us

