

Template for summary reports in accordance with article 7 of the Protocol on Water and Health

Executive summary

Please provide an overall evaluation of the progress achieved in implementing the Protocol in your country during the reporting period. Please provide a short description of the main steps taken and highlight important achievements, key challenges, success factors and concrete good practice examples.

Suggested length: maximum 2 pages

Part one General aspects

1. Were targets and target dates established in your country in accordance with article 6 of the Protocol?

Please provide detailed information on the target areas in part two.

YES NO IN PROGRESS

If targets have been revised, please indicate the date of adoption and list the revised target areas. Please provide detailed information in part two.

2. Were targets and target dates published and, if so, how?

Please explain whether the targets and target dates were published, made available to the public (e.g., online, official publication, media) and communicated to the secretariat.

3. Has your country established national or local arrangements for coordination between competent authorities for setting targets? If so please describe, including information on which public authority(ies) took the leadership and coordinating role, which public authorities were involved and how coordination was ensured.

4. Was a programme of measures or action plan developed to support implementation of the targets? If so, please briefly describe that programme or plan, including how financial implications were taken into account.

5. What has been done in your country to ensure public participation in the process of target setting in accordance with article 6, paragraph 2, and how was the outcome of public participation taken into account in the final targets set?

6. Please provide information on the process by which this report has been prepared, including information on which public authorities had the main responsibilities and what other stakeholders were involved.

7. Please report any particular circumstances that are relevant for understanding the report, including whether there is a federal and/or decentralized decision-making structure.

Part two

Targets and target dates set and assessment of progress

For countries that have set or revised targets and target dates, please provide information specifically related to the progress towards achieving them. If you have not set targets in a certain area, please explain why.

For countries in the process of setting targets, please provide information on baseline conditions and/or targets considered under the relevant target areas.

Suggested length: one page (330 words) per target area.

I. Quality of the drinking water supplied (art. 6, para. 2 (a))

For each target set in this area:

1. Please describe the current target and target date. Please provide information on the background (including the baseline/starting point and reference to existing national and international legislation) and justification for the adoption of the target.

Even if the unique Integrated Water Resource Manager is the Azienda Autonoma di Stato per i Servizi Pubblici (hereinafter AASS) under the Regulation No.1 of January 22, 2019, complying with UN SDG Goal 6; information and communication have been improved with the water monitoring sector, which are “Dipartimento di Prevenzione - Salute Pubblica – Istituto per la Sicurezza Sociale” under the article 7, Environmental Code - Delegated Decree No.44 of April 27, 2012 and “Ufficio Prevenzione Ambiente e Vigilanza del Territorio”.

See also:

<https://www.aass.sm/site/home/ciclo-idrico/acqua/acqua-immessa-in-rete.html>

<http://www.iss.sm/on-line/home/dipartimento-prevenzione/sanita-pubblica/tutela-dellambiente-naturale-e-costruito/dati-ambientali/monitoraggi.html>

<https://www.iss.sm/on-line/home/dipartimento-prevenzione/sanita-pubblica/tutela-dellambiente-naturale-e-costruito/dati-ambientali/acque.html>

2. Please describe the actions taken (e.g., legal/regulatory, financial/economic, informational/educational and management measures) to reach the target (see also article 6, paragraph 5, of the Protocol).

3. Please assess the progress achieved from the baseline towards meeting the target as well as any challenges encountered.

4. Please describe how the target set under this area contributes to fulfilling global and regional commitments, in particular the 2030 Sustainable Development Agenda.

5. If you have not set a target in this area, please explain why.

II. Reduction of the scale of outbreaks and incidents of water-related disease (art. 6, para. 2 (b))

For each target set in this area:

1. Please describe the current target and target date. Please provide information on the background (including the baseline/starting point and reference to existing national and international legislation) and justification for the adoption of the target.

2. Please describe the actions taken (e.g., legal/regulatory, financial/economic, informational/educational and management measures) to reach the target (see also article 6, paragraph 5, of the Protocol).

Resolution of the Hon. Congress of State No. 45 of 4 October 2000,
Decree No.99 of October 10, 2000 - Notification of infectious diseases.

*Istituto per la Sicurezza Sociale – Dipartimento Prevenzione – Sanità Pubblica*¹:
"Monitoring of the water bodies of the territory, monitoring of air quality and physical agents and support for territorial planning, reports on the quality of the matrix, supply of databases of the environmental information system"

Articles 65 and 66, Environmental Code - Delegated Decree No.44 of April 27, 2012.

3. Please assess the progress achieved from the baseline towards meeting the target as well as any challenges encountered.
4. Please describe how the target set under this area contributes to fulfilling global and regional commitments, in particular the 2030 Sustainable Development Agenda.
5. If you have not set a target in this area, please explain why.

III. Access to drinking water (art. 6, para. 2 (c))

For each target set in this area:

1. Please describe the current target and target date. Please provide information on the background (including the baseline/starting point and reference to existing national and international legislation) and justification for the adoption of the target.
2. Please describe the actions taken (e.g., legal/regulatory, financial/economic, informational/educational and management measures) to reach the target (see also article 6, paragraph 5, of the Protocol).
3. Please assess the progress achieved from the baseline towards meeting the target as well as any challenges encountered.
4. Please describe how the target set under this area contributes to fulfilling global and regional commitments, in particular the 2030 Sustainable Development Agenda.

SDG 6.1.1 - Water supplied per capita

Average daily volumes of water supplied per inhabitant by the drinking water distribution networks

[Metadata sheet: present²]

The data for San Marino are provided by the Integrated Water Service Manager - AASS and are reported here in numerical format only, but they are visible in graphic format on the AASS website³.

The trend of this indicator is available on the UN WATER⁴ website in the public domain: 100%.

¹ <https://www.iss.sm/on-line/home/dipartimento-prevenzione/sanita-pubblica.html>

² <https://unstats.un.org/sdgs/metadata/files/Metadata-06-01-01.pdf>

³ <https://www.aass.sm/site/home/ciclo-idrico/acqua/acqua-immessa-in-rete.html>

⁴ https://www.sdg6data.org/country-or-area/San%20Marino#anchor_6.1.1

5. If you have not set a target in this area, please explain why.

IV. Access to sanitation (art. 6, para. 2 (d))

For each target set in this area:

1. Please describe the current target and target date. Please provide information on the background (including the baseline/starting point and reference to existing national and international legislation) and justification for the adoption of the target.
2. Please describe the actions taken (e.g., legal/regulatory, financial/economic, informational/educational and management measures) to reach the target (see also article 6, paragraph 5 of the Protocol).
3. Please assess the progress achieved from the baseline towards meeting the target as well as any challenges encountered.
4. Please describe how the target set under this area contributes to fulfilling global and regional commitments, in particular the 2030 Sustainable Development Agenda.

SDG 6.2.1a - Proportion of population using sanitation services and separation of contact from black water [Metadata sheet: present⁵] is based on questionnaire: 100%.

SDG 6.2.1b - Proportion of population using sanitation services with the possibility of washing hands with soap and water: 100%.

5. If you have not set a target in this area, please explain why.

V. Levels of performance of collective systems and other systems for water supply (art. 6, para. 2 (e))

For each target set in this area:

1. Please describe the current target and target date. Please provide information on the background (including the baseline/starting point and reference to existing national and international legislation) and justification for the adoption of the target.
2. Please describe the actions taken (e.g., legal/regulatory, financial/economic, informational/educational and management measures) to reach the target (see also article 6, paragraph 5 of the Protocol).
3. Please assess the progress achieved from the baseline towards meeting the target as well as any challenges encountered.
4. Please describe how the target set under this area contributes to fulfilling global and regional commitments, in particular the 2030 Sustainable Development Agenda.

SDG 6.4.1 - Efficiency of drinking water distribution networks

Percentage of the volume of water supplied to users compared to that introduced into the network

[Metadata sheet: present⁶]database on filling in the FAO AQUASTAT⁷ questionnaire

In San Marino, the Integrated Water Service Manager - AASS provides drinking water in 2 categories: domestic use and different uses, while the indicator is divided into: agricultural, industrial, services (MIMEC) and domestic.

⁵ <https://unstats.un.org/sdgs/metadata/files/Metadata-06-02-01.pdf>

⁶ <https://unstats.un.org/sdgs/metadata/files/Metadata-06-04-01.pdf>

⁷ <http://www.fao.org/nr/water/aquastat/data>

Therefore the calculation with RSM data collection is provided, according to the following formula:

Volume of water actually supplied / Volume of water introduced into the network * 100
 domestic uses 2.012.663 [m³] + different uses 732.339 [m³] =
 2.745.002 [m³] / 3.395.641 [m³] = 80.84% (2020)

The trend of this indicator is present on the UN WATER⁸ website in the public domain, but the calculation model is not explicit and the value is not congruous.

5. If you have not set a target in this area, please explain why.

VI. Levels of performance of collective systems and other systems for sanitation (art. 6, para. 2 (e))

For each target set in this area:

1. Please describe the current target and target date. Please provide information on the background (including the baseline/starting point and reference to existing national and international legislation) and justification for the adoption of the target.

There is only a universal one national Public Utility scale (AASS) supplying through water distribution system, drinking and sanitation water.

2. Please describe the actions taken (e.g., legal/regulatory, financial/economic, informational/educational and management measures) to reach the target (see also article 6, paragraph 5, of the Protocol).

Law No.88 of November 26, 1980 - Establishment of a system of Autonomous State Companies.

Law No.41 of May 25, 1981 - Statute of the Autonomous State Company for Public Services and subsequent amendments.

Article 4 of Decree No.112 of December 29, 1981 - Administrative Regulations of the Autonomous State Company for Public Services and provisions for the harmonization of its budget with that of the State.

Law No.120 of November 20, 2001, as amended - Establishment of the Regulatory Authority for Public Services.

Delegated Decree No.44 of April 27, 2012 - Environmental Code.

Regulation of No.1 January 22, 2019 - Management regulation of the Integrated Water Service.

3. Please assess the progress achieved from the baseline towards meeting the target as well as any challenges encountered.

4. Please describe how the target set under this area contributes to fulfilling global and regional commitments, in particular the 2030 Sustainable Development Agenda.

5. If you have not set a target in this area, please explain why.

⁸ https://www.sdg6data.org/country-or-area/San%20Marino#anchor_6.4.1

VII. Application of recognized good practices to the management of water supply (art. 6, para. 2 (f))

For each target set in this area:

1. Please describe the current target and target date. Please provide information on the background (including the baseline/starting point and reference to existing national and international legislation) and justification for the adoption of the target.

The major target with respect to drinking water quality involve the adaptation of the water treatment process of the purification plant.

AASS has assigned Prof. Paola Verlicchi (University of Ferrara - Italy) the professional assignment for the evaluation and validation of the feasibility study of the adaptation of the water treatment process of the drinking water plant of Galavotto (Ultrafiltration vs. Ozonation).

2. Please describe the actions taken (e.g., legal/regulatory, financial/economic, informational/educational and management measures) to reach the target (see also article 6, paragraph 5, of the Protocol).
3. Please assess the progress achieved from the baseline towards meeting the target as well as any challenges encountered.
4. Please describe how the target set under this area contributes to fulfilling global and regional commitments, in particular the 2030 Sustainable Development Agenda.
5. If you have not set a target in this area, please explain why.

VIII. Application of recognized good practice to the management of sanitation (art. 6, para. 2 (f))

For each target set in this area:

1. Please describe the current target and target date. Please provide information on the background (including the baseline/starting point and reference to existing national and international legislation) and justification for the adoption of the target.

See link:

<http://iwrmdataportal.unepdhi.org/country/San%20Marino?submission=Yes#:~:text=60-MANAGEMENT%20INSTRUMENTS,-68>

2. Please describe the actions taken (e.g., legal/regulatory, financial/economic, informational/educational and management measures) to reach the target (see also article 6, paragraph 5, of the Protocol).
3. Please assess the progress achieved from the baseline towards meeting the target as well as any challenges encountered.
4. Please describe how the target set under this area contributes to fulfilling global and regional commitments, in particular the 2030 Sustainable Development Agenda.
5. If you have not set a target in this area, please explain why.

IX. Occurrence of discharges of untreated wastewater (art. 6, para. 2 (g) (i))

For each target set in this area:

1. Please describe the current target and target date. Please provide information on the background (including the baseline/starting point and reference to existing national and international legislation) and justification for the adoption of the target.

Information and data in possession of the *Istituto per la Sicurezza Sociale – Tutela dell'Ambiente e Costruito – Monitoraggi*⁹, Protection of the Environment and Built - Monitoring, in compliance with the supervision functions delegated by the law: Article 7, paragraph 1 Delegated Decree No.44 of April 27, 2012 - Environmental Code.

<http://www.iss.sm/on-line/home/dipartimento-prevenzione/sanita-pubblica/tutela-dellambiente-naturale-e-costruito/dati-ambientali/monitoraggi.html>

<https://www.iss.sm/on-line/home/dipartimento-prevenzione/sanita-pubblica/tutela-dellambiente-naturale-e-costruito/dati-ambientali/acque.html>

2. Please describe the actions taken (e.g., legal/regulatory, financial/economic, informational/educational and management measures) to reach the target (see also article 6, paragraph 5, of the Protocol).

3. Please assess the progress achieved from the baseline towards meeting the target as well as any challenges encountered.

4. Please describe how the target set under this area contributes to fulfilling global and regional commitments, in particular the 2030 Sustainable Development Agenda.

5. If you have not set a target in this area, please explain why.

X. Occurrence of discharges of untreated storm water overflows from wastewater collection systems (art. 6, para. 2 (g) (ii))

For each target set in this area:

1. Please describe the current target and target date. Please provide information on the background (including the baseline/starting point and reference to existing national and international legislation) and justification for the adoption of the target.

Civil Protection or Civil Defence, named in San Marino "*Protezione Civile*" has been introduced in San Marino by Law No.21 of January 27, 2006.

The full implementation of a Sendai framework for disaster risk reduction, both at national and international level, as well as "*Protezione Civile*" in Italy, belongs to this organization. *Servizio Protezione Civile*¹⁰:

"Has the right to adopt ordinances in the event of disasters or potentially dangerous events for the community"

*Azienda Autonoma di Stato per i Lavori Pubblici – Bonifiche Calanchive*¹¹

⁹ <http://www.iss.sm/on-line/home/dipartimento-prevenzione/sanita-pubblica/tutela-dellambiente-naturale-e-costruito/dati-ambientali/monitoraggi.html>

¹⁰ <https://www.gov.sm/pub1/GovSM/protezionecivile/>

¹¹ <https://www.aaslp.sm/formazione-ricerca/bonifica-calanchiva/>

2. Please describe the actions taken (e.g., legal/regulatory, financial/economic, informational/educational and management measures) to reach the target (see also article 6, paragraph 5, of the Protocol).
3. Please assess the progress achieved from the baseline towards meeting the target as well as any challenges encountered.
4. Please describe how the target set under this area contributes to fulfilling global and regional commitments, in particular the 2030 Sustainable Development Agenda.
5. If you have not set a target in this area, please explain why.

XI. Quality of discharges of wastewater from wastewater treatment installations (art. 6, para. 2 (h))

For each target set in this area:

1. Please describe the current target and target date. Please provide information on the background (including the baseline/starting point and reference to existing national and international legislation) and justification for the adoption of the target.

There are no wastewater treatment plant within San Marino (SMR), San Marino's wastewater has been treating in Italy nearby, Santa Giustina (RN) – by Hera Group facilities.

2. Please describe the actions taken (e.g., legal/regulatory, financial/economic, informational/educational and management measures) to reach the target (see also article 6, paragraph 5, of the Protocol).

To date:

The purification service of the wastewater produced by the territory of San Marino is carried out by the manager of the Integrated Water Service of the Province of Rimini following the signing of the agreement between the AASS and the Consortium for the Restoration of the Marecchia River Basin on 03/11/1989 and the stipulation of the regulations for the discharge and tariff adjustment signed between AASS and Hera Rimini on 04/05/2007 subsequently extended and integrated until today.

3. Please assess the progress achieved from the baseline towards meeting the target as well as any challenges encountered.
4. Please describe how the target set under this area contributes to fulfilling global and regional commitments, in particular the 2030 Sustainable Development Agenda.
5. If you have not set a target in this area, please explain why.

XII. Disposal or reuse of sewage sludge from collective systems of sanitation or other sanitation installations (art. 6, para. 2 (i))

For each target set in this area:

1. Please describe the current target and target date. Please provide information on the background (including the baseline/starting point and reference to existing national and international legislation) and justification for the adoption of the target.

There are no wastewater treatment plant within San Marino (SMR), San Marino's wastewater has been treating in Italy nearby, Santa Giustina (RN) – by Hera Group facilities. As well the output sewage sludge are treated in Italy.

2. Please describe the actions taken (e.g., legal/regulatory, financial/economic, informational/educational and management measures) to reach the target (see also article 6, paragraph 5, of the Protocol).
3. Please assess the progress achieved from the baseline towards meeting the target as well as any challenges encountered.
4. Please describe how the target set under this area contributes to fulfilling global and regional commitments, in particular the 2030 Sustainable Development Agenda.
5. If you have not set a target in this area, please explain why.

XIII. Quality of wastewater used for irrigation purposes (art. 6, para. 2 (i))

For each target set in this area:

1. Please describe the current target and target date. Please provide information on the background (including the baseline/starting point and reference to existing national and international legislation) and justification for the adoption of the target.

Nowadays there is no wastewater use for irrigation known and at the same time, to date it is not explicitly forbidden by law.

2. Please describe the actions taken (e.g., legal/regulatory, financial/economic, informational/educational and management measures) to reach the target (see also article 6, paragraph 5, of the Protocol).
3. Please assess the progress achieved from the baseline towards meeting the target as well as any challenges encountered.
4. Please describe how the target set under this area contributes to fulfilling global and regional commitments, in particular the 2030 Sustainable Development Agenda.
5. If you have not set a target in this area, please explain why.

XIV. Quality of waters which are used as sources for drinking water (art. 6, para. 2 (j))

For each target set in this area:

1. Please describe the current target and target date. Please provide information on the background (including the baseline/starting point and reference to existing national and international legislation) and justification for the adoption of the target.

Raw water quality Category 3, under the article 65, Environmental Code - Delegated Decree No.44 of April 27, 2012:

- **Delibera On.le Congresso di Stato n.38 del 23/07/2020;**
- **Delibera On.le Congresso di Stato n.31 del 25/02/2019.**

The sources: to date, the AASS puts about 10,000 cubic meters of drinking water into the water pipeline network per day, equal to 10 million liters. Of these, about 60-70% comes from the Galavotto freshwater treatment plant, where about 85% of the water coming from the Marecchia river (Italy) is treated and about 15% from sources within the San Marino area. The remaining 30-40% of the water distributed in the area is purchased by Hera S.p.a. for about 5-10% of the needs, and by Romagna Acque (which manages the Ridracoli dam - Italy) for about 30%.

2. Please describe the actions taken (e.g., legal/regulatory, financial/economic, informational/educational and management measures) to reach the target (see also article 6, paragraph 5, of the Protocol).
3. Please assess the progress achieved from the baseline towards meeting the target as well as any challenges encountered.
4. Please describe how the target set under this area contributes to fulfilling global and regional commitments, in particular the 2030 Sustainable Development Agenda.
5. If you have not set a target in this area, please explain why.

XV. Quality of waters used for bathing (art. 6, para. 2 (j))

For each target set in this area:

1. Please describe the current target and target date. Please provide information on the background (including the baseline/starting point and reference to existing national and international legislation) and justification for the adoption of the target.

The same as drinking water for both drinking and bathing tub, due to the same unique public supplying water pipeline network.

2. Please describe the actions taken (e.g., legal/regulatory, financial/economic, informational/educational and management measures) to reach the target (see also article 6, paragraph 5, of the Protocol).
3. Please assess the progress achieved from the baseline towards meeting the target as well as any challenges encountered.
4. Please describe how the target set under this area contributes to fulfilling global and regional commitments, in particular the 2030 Sustainable Development Agenda.
5. If you have not set a target in this area, please explain why.

XVI. Quality of waters used for aquaculture or for the production or harvesting of shellfish (art. 6, para. 2 (j))

For each target set in this area:

1. Please describe the current target and target date. Please provide information on the background (including the baseline/starting point and reference to existing national and international legislation) and justification for the adoption of the target.

There are no aquaculture or harvesting of nor freshwater nor salt marine water shellfish, moreover due to the fact that San Marino has no marine shore.

2. Please describe the actions taken (e.g., legal/regulatory, financial/economic, informational/educational and management measures) to reach the target (see also article 6, paragraph 5, of the Protocol).
3. Please assess the progress achieved from the baseline towards meeting the target as well as any challenges encountered.
4. Please describe how the target set under this area contributes to fulfilling global and regional commitments, in particular the 2030 Sustainable Development Agenda.
5. If you have not set a target in this area, please explain why.

XVII. Application of recognized good practice in the management of enclosed waters generally available for bathing (art. 6, para. 2 (k))

For each target set in this area:

1. Please describe the current target and target date. Please provide information on the background (including the baseline/starting point and reference to existing national and international legislation) and justification for the adoption of the target.

In San Marino, as a matter of fact, there is no availability of shoring or bathing in natural freshwater or overall enclosed waters, moreover in summer season due to the reduced amount of superficial freshwater flows in the basins river even if there are 3 inland rainy-dependent rivers or some tiny fishing lakes, nor seaside shore, cause as said above there is no sea in the national San Marino state surface.

2. Please describe the actions taken (e.g., legal/regulatory, financial/economic, informational/educational and management measures) to reach the target (see also article 6, paragraph 5, of the Protocol).
3. Please assess the progress achieved from the baseline towards meeting the target as well as any challenges encountered.
4. Please describe how the target set under this area contributes to fulfilling global and regional commitments, in particular the 2030 Sustainable Development Agenda.
5. If you have not set a target in this area, please explain why.

XVIII. Identification and remediation of particularly contaminated sites (art. 6, para. 2 (l))

For each target set in this area:

1. Please describe the current target and target date. Please provide information on the background (including the baseline/starting point and reference to existing national and international legislation) and justification for the adoption of the target.

Article 28, paragraph 2 Delegated Decree No.44 of April 27, 2012 and Delegated Decree No.91 of May 20, 2021.

Ufficio Prevenzione Ambiente e Vigilanza del Territorio¹².

Gestione Emergenze Servizio Protezione Civile¹³.

Istituto per la Sicurezza Sociale – Dipartimento Prevenzione – Sanità Pubblica¹⁴.

2. Please describe the actions taken (e.g., legal/regulatory, financial/economic, informational/educational and management measures) to reach the target (see also article 6, paragraph 5, of the Protocol).
3. Please assess the progress achieved from the baseline towards meeting the target as well as any challenges encountered.
4. Please describe how the target set under this area contributes to fulfilling global and regional commitments, in particular the 2030 Sustainable Development Agenda.

¹² <https://www.gov.sm/pub1/GovSM/UPAV--Ufficio-Prevenzione-Ambiente-e-Vigilanza-del-territorio.html>

¹³ <https://www.gov.sm/pub1/GovSM/protezionecivile/Gestione-delle-emergenze>

¹⁴ <https://www.iss.sm/on-line/home/dipartimento-prevenzione/sanita-pubblica.html>

5. If you have not set a target in this area, please explain why.

XIX. Effectiveness of systems for the management, development, protection and use of water resources (art. 6, para. 2 (m))

For each target set in this area:

1. Please describe the current target and target date. Please provide information on the background (including the baseline/starting point and reference to existing national and international legislation) and justification for the adoption of the target.

Integrated Water Management Regulation - Regulation No.1 of January 22, 2019 was adopted, as well as the Environmental Code - Delegated Decree No.44 of April 27, 2012. The introduction of the Law No.147 of October 30, 2003 "Rules for the collection and treatment of waste water and establishment of an environmental tax on the water cycle". Enforcing Regulation under article 5: mandatory application of the Regulation No.1 of January 22, 2019¹⁵
Moreover articles 6, 7 and 8 of the Delegated Decree No.44 of April 27, 2012.

2. Please describe the actions taken (e.g., legal/regulatory, financial/economic, informational/educational and management measures) to reach the target (see also article 6, paragraph 5, of the Protocol).

3. Please assess the progress achieved from the baseline towards meeting the target as well as any challenges encountered.

4. Please describe how the target set under this area contributes to fulfilling global and regional commitments, in particular the 2030 Sustainable Development Agenda.

SDG 6.5.2 - Proportion of the transboundary basin area with an existing agreement for water cooperation. [Metadata sheet: present¹⁶]

Methodology: the information collected in this section allows the calculation of the SDG 6.5.2 Indicator, which is defined as the percentage of the cross-border basin area covered by a current agreement for water cooperation.

Value of the indicator for San Marino:

River and lake waters:

Percentage of area of transboundary river and lake basins covered by an existing agreement:
 $A / B \times 100 = 100.9 / 100.9 \times 100 = 100\%$

Aquifers:

Percentage of transboundary groundwater area covered by an existing agreement:
 $C / D \times 100 = 550.49 / 550.49 \times 100 = 100\%$

Sustainable Development Indicator 6.5.2:

Percentage of the area of transboundary basins covered by an existing agreement:
 $((A + C) / (B + D)) \times 100 = (100.9 + 550.49) / (100.9 + 550.49) \times 100 = 100\%$

Spatial information:

[GIS] https://mappeonline.pa.sm/maps/geologica_vis/

¹⁵ <https://www.aass.sm/site/home/acqua--gas/fognature.html>

¹⁶ <https://unstats.un.org/sdgs/metadata/files/Metadata-06-05-02.pdf>

[PDF]<https://ambiente.regione.emilia-romagna.it/it/suolo-bacino/sezioni/pianificazione/autorita-bacino-marecchia-conca/variante-pai-calanchi-corsi-dacqua>

[GIS]https://applicazioni.regione.emilia-romagna.it/cartografia_sgss/user/viewer.jsp?service=dissesto

[GIS] <https://giscartografia.regione.marche.it/ProgettoIFFI/>

Information on the focal point of the country:

Indicate which institutions were consulted when completing the questionnaire

| | |
|-------------------------------------|----------------------------------------------------------------------|
| National Water Management Authority | [yes] |
| Basin Authority (national) | [yes] Emilia Romagna Region |
| Geological survey (national) | [yes] |
| Private sector | [yes] Romagna Acque - Società delle Fonti S.p.A.; Hera Group S.p.A.. |

5. If you have not set a target in this area, please explain why.

XX. Additional national or local specific targets

In cases where additional targets have been set, for each target:

1. Please describe the current target and target date. Please provide information on the background (including the baseline/starting point and reference to existing national and international legislation) and justification for the adoption of the target.

From a 5% of a peak inner water resources availability to water facility sanitation, SMR have to improve this self-availability amount of national water resources.

2. Please describe the actions taken (e.g., legal/regulatory, financial/economic, informational/educational and management measures) to reach the target (see also article 6, paragraph 5, of the Protocol).

Construction of the dam on the Rio San Marino.

Expected start and completion of activities: 2023-2030

Subject involved: Congress of State, AASS, University of San Marino (UNIRSM), Department of Territory and Environment.

Capex implementation costs: 35 MLN €

Strategic instrument: Investment program - Article 12, paragraph 3 of Law No.88 of November 26 1980, Budget Law, Hon. Congress of State resolutions on the construction of public infrastructure.

Since there are no other sources available than those already used, capable of guaranteeing the required water supplies to San Marino's population consumptions, a feasibility study was carried out for the construction of an accumulation reservoir on the Rio San Marino. It is a 1.5 million m³ reservoir capable of accumulating the water of the Rio San Marino in periods of abundance, making it available in times of need. Flanked by other minor and widespread interventions, such as those for water saving, it would make it possible to make up for current and future shortages of supply sources. The detailed investigations conducted made it possible to identify innovative solutions such as to make the work feasible from a technical-economic and environmental point of view, and to understand the problems related to the nature of the subsoil, identifying the construction techniques necessary for the construction of the dam and the interventions necessary to resolve the critical issues relating to slope stability and filtration. The creation of the reservoir, therefore, in addition to solving some critical issues relating to pre-treatment water supply, also allows for a series of indirect benefits.

With the multiple use of supply pipes, alongside the main purpose of drinking water also the use for hydroelectric purposes, it is possible to produce renewable energy with a minimum

additional investment. Currently under consideration of the feasibility study, in consideration of the prices of the energy supply market (power and natural gas), the potential for closed-loop hydroelectric energy production with two basins (high reservoir and low reservoir).



Overall view of the project intervention area - Reservoir upstream of the Gorgascusa gorge on the San Marino river. Aerial view of the prelago for the deposit of solid transport.

A final reflection, in the light of the increasingly frequent summer water shortages emergencies, is related to the different possibilities of use of the water accumulated in the reservoir, which does not necessarily have to be only thought of drinking water for domestic or industrial use, but to differentiate the sources of supply within the San Marino territory, to diversify the internal sources for other uses (agricultural, etc.).

3. Please assess the progress achieved from the baseline towards meeting the target as well as any challenges encountered.
4. Please describe how the target set under this area contributes to fulfilling global and regional commitments, in particular the 2030 Sustainable Development Agenda.
5. If you have not set a target in this area, please explain why.

Part three

Common indicators¹⁷

I. Quality of the drinking water supplied

1. Context of the data

1. What is the population coverage (in millions or per cent of total national population) of the water supplies reported under sections 2 and 3 below?

SDG 6.1.1 - Water supplied per capita

Average daily volumes of water supplied per inhabitant by the drinking water distribution networks [Metadata sheet: present¹⁸]

The data for San Marino are provided by the Integrated Water Service Manager - AASS and are reported here in numerical format only, but they are visible in graphic format on the AASS website¹⁹.

The trend of this indicator is right present on the public domain UN WATER²⁰ website: 100%.

The rationale of this question is to understand the population coverage of the water quality data reported under sections 2 and 3 below.

Please describe the type of water supplies for which data is included in the following tables, and the population share covered by these supplies.

Please also clarify the source of the water quality data provided (e.g., data from regulatory authorities).

2. Please specify from where the water quality samples reported in sections 2 and 3 below are primarily taken (e.g., treatment plant outlet, distribution system or point of consumption).

The rationale of this question is to understand where the samples were primarily taken from for the water quality data reported in sections 2 and 3 below.

3. In sections 2 and 3 below, the standards for compliance assessment signify the national standards. If national standards for reported parameters deviate from the World Health Organization (WHO) guideline values, please provide information on the standard values.

The rationale of this question is to understand any possible differences between the national standards for microbiological and chemical water quality parameters and the respective WHO guideline values.²¹

¹⁷In order to allow an analysis of trends for all Parties under the Protocol, please use wherever possible 2005 — the year of entry into force of the Protocol — as the baseline year.

¹⁸ <https://unstats.un.org/sdgs/metadata/files/Metadata-06-01-01.pdf>

¹⁹ <https://www.aass.sm/site/home/ciclo-idrico/acqua/acqua-immessa-in-rete.html>

²⁰ https://www.sdg6data.org/country-or-area/San%20Marino#anchor_6.1.1

²¹The latest edition of the WHO Guidelines for Drinking-water Quality is available at: http://www.who.int/water_sanitation_health/publications/dwq-guidelines-4/en/.

2. Bacteriological quality

4. Please indicate the percentage of samples that fail to meet the national standard for *Escherichia coli* (*E. coli*). Parties may also report on up to three other priority microbial indicators and/or pathogens that are subject to routine water quality monitoring.

*Istituto per la Sicurezza Sociale - Dipartimento Prevenzione - Sanità Pubblica - Laboratorio di Sanità Pubblica – Sezione Biologica*²²

If possible, please provide segregated data for urban and rural areas in the table below. If this is not possible, please consider reporting by alternative categories available in your country, for example by “non-centralized versus centralized” water supplies or by population number-based categories. If you do so, please indicate the reported categories by renaming the rows in the column “area/category” in the table below accordingly.

If data can be reported neither for urban and rural areas nor for alternative categories, please report total (national) values only.

Please comment on the trends or provide any other important information supporting interpretation of the data.

| Parameter | Area/category | Baseline value (specify year) | Current value (specify year) |
|--------------------------------|---------------|----------------------------------|---------------------------------|
| <i>E. coli</i> | Total | | 0 (2021) |
| Intestinal enterococci | Total | | 0 (2021) |
| Clostridium perfringens | Total | | 0 (2021) |

3. Chemical quality

5. Please report on the percentage of samples that fail to meet the national standard for chemical water quality with regard to the following parameters:

- (a) Arsenic;
- (b) Fluoride;
- (c) Lead
- (d) Nitrate.

6. Please also identify up to three additional chemical parameters that are of priority in the national or local context.

*Istituto per la Sicurezza Sociale - Dipartimento Prevenzione - Sanità Pubblica - Laboratorio di Sanità Pubblica – Sezione Chimica*²³

If possible, please provide segregated data for urban and rural areas in the table below. If this is not possible, please consider reporting by alternative categories available in your country, for example by “non-centralized versus centralized” sanitation systems or by

²² <https://www.iss.sm/on-line/home/dipartimento-prevenzione/sanita-pubblica/laboratorio-di-sanita-pubblica.html#:~:text=Chimica%20e%20una-.Sezione%20Biologica,-%3A>

²³ <https://www.iss.sm/on-line/home/dipartimento-prevenzione/sanita-pubblica/laboratorio-di-sanita-pubblica.html#:~:text=laboratorio%20comprende%20una-.Sezione%20Chimica,-e%20una%20Sezione>

population number-based categories. If you do so, please indicate the reported categories by renaming the rows in the column “area/category” in the table below accordingly.

If data can be reported neither for urban and rural areas nor for alternative categories, please report total (national) values only.

Please comment on the trends or provide any other important information supporting interpretation of the data.

| Parameter | Area/category | Baseline value (specify year) | Current value (specify year) |
|-----------|---------------|----------------------------------|---------------------------------|
| Arsenic | Total | | 0 (2021) |
| Fluoride | Total | | 0 (2021) |
| Lead | Total | | 0 (2021) |
| Nitrate | Total | | 0 (2021) |

II. Outbreaks and incidence of infectious diseases related to water

In filling out the below table, please consider the following points:

(a) For reporting outbreaks, please report confirmed water-related outbreaks only (i.e., for which there is epidemiological or microbiological evidence for water to have facilitated infection);

(b) For reporting incidents, please report the numbers related to all exposure routes. In your response:

- (i) Please report cases per 100,000 population;
- (ii) Please differentiate between zero incidents (0) and no data available (-).

Please extend the list of water-related diseases, to the extent possible, to cover other relevant pathogens (e.g., enteric viruses, *Giardia intestinalis*, *Vibrio cholerae*).

Please indicate how the information is collected (e.g., event-based or incidence-based surveillance).

Law No.31 of February 18, 1998 - Framework law on safety and health in the workplace and subsequent amendments.

Resolution of the Hon. Congress of State No.45 of October 4, 2000.

Decree No.99 of October 10, 2000 - Notification of infectious diseases.

Article 18 of Law No.165 of November 30, 2004.

Istituto per la Sicurezza Sociale Executive Committee Resolution No.12, meeting of October 28, 2021 for the purpose of: Approval of the “Legionellosis” Risk Analysis and Management Document - State Hospital (Data Format 13/01/2021 Rev.0.0).

Provisions for the use of showers in sports facilities, swimming pools, gyms, dance schools and alike, pursuant to Law Decree No.85 of April 30, 2021 (Sars-Cov2, Legionella).

*Istituto per la Sicurezza Sociale – Dipartimento Socio Sanitario - Cure Primarie e Salute Territoriale*²⁴

²⁴ <https://www.iss.sm/on-line/home/dipartimento-socio-sanitario.html>

Istituto per la Sicurezza Sociale - Servizi generali e amministrativi - Servizio Tecnico²⁵
Istituto per la Sicurezza Sociale – Dipartimento Prevenzione - Sanità Pubblica²⁶

| Disease | Incidence rate per 100,000 population (all exposure routes) | | | Number of outbreaks (confirmed water-borne outbreaks) | | |
|------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------|----------------------------|----------------------------------------------------------|---------------------------------------------------|----------------------------|
| | Value reported in | | | Value reported in | | |
| | Baseline (specify year) | the previous reporting cycle (specify year) | Current value (2021) | Baseline (specify year) | the previous reporting cycle (specify year) | Current value (2021) |
| Shigellosis | | | 0 | | | 0 |
| Enterohaemorrhagic <i>E. coli</i> infection | | | 0 | | | 0 |
| Typhoid fever | | | 0 | | | 0 |
| Viral hepatitis A | | | 0 | | | 0 |
| Legionellosis | | | 0 | | | 0 |
| Cryptosporiosis | | | 0 | | | 0 |
| Legionella Pneumo E.P.²⁷ | | | 0,003% | | | |
| Malaria P. falciparum²⁸: | | | 0,003% | | | |

III. Access to drinking water

If possible, please provide segregated data for urban and rural areas in the table below. If this is not possible, please consider reporting by alternative categories available in your country, for example by “non-centralized versus centralized” water supply systems or by population number-based categories. If you do so, please indicate the reported categories by renaming the rows in the table below accordingly.

Please comment on the trends or provide any other important information supporting interpretation of the data with regard to access to drinking water.

²⁵ <https://www.iss.sm/on-line/home/servizi-general-e-amministrativi/servizi-rivolti-ai-fornitori-e-collaboratori/servizio-tecnico.html>

²⁶ <https://www.iss.sm/on-line/home/dipartimento-prevenzione/sanita-pubblica.html>

²⁷ (notifica 8/2/2021): LEGIONELLA PNEUMO E.P.

²⁸ (notifica del 10/5/2021): MALARIA DA P. Falciparum successiva a rientra da viaggio in Nigeria (la malaria è una malattia compresa nelle Water Related disease)

| <i>Percentage of population with access to drinking water</i> total (national) values only | <i>Baseline value</i> (2021) | <i>Value reported in the previous reporting cycle</i> <i>(specify year)</i> | <i>Current value</i> (2021) |
|------------------------------------------------------------------------------------------------------|----------------------------------------|--------------------------------------------------------------------------------|---------------------------------------|
| Total 100% | 100% | | 100% |

- Estimates provided by the WHO/United Nations Children’s Fund (UNICEF) Joint Monitoring Programme (JMP) for Water Supply and Sanitation. *JMP definitions are available at <http://www.wssinfo.org/definitions-methods/watsan-categories>.*

*Azienda Autonoma di Stato per i Servizi Pubblici*²⁹

- National** estimates. *Please specify how “access” is defined and what types of drinking-water supplies are considered in the estimates in your country.*

In particular, please specify if the above percentage on “access to drinking water” refers to access to (tick all applicable):

- Improved drinking water sources (as per JMP definition)
- Supplies located on premises
- Supplies available when needed
- Supplies that provide drinking water free from faecal contamination

SDG 6.1.1 - Water supplied per capita

Average daily volumes of water supplied per inhabitant by the drinking water distribution networks

*[Metadata sheet: present*³⁰*]*

*The data for San Marino are provided by the Integrated Water Service Manager - AASS and are reported here in numerical format only, but they are visible in graphic format on the AASS website*³¹.

*The trend of this indicator is available on the UN WATER*³² *website in the public domain: 100%.*

IV. Access to sanitation

If possible, please provide segregated data for urban and rural areas in the table below. If this is not possible, please consider reporting by alternative categories available in your country, for example by “non-centralized versus centralized” sanitation systems or by population number-based categories. If you do so, please indicate the reported categories by renaming the rows in the table below accordingly.

If data can be reported neither for urban and rural areas nor for alternative categories, please report total (national) values only.

²⁹ <https://www.aass.sm/site/home/acqua--gas/acqua.html>

³⁰ <https://unstats.un.org/sdgs/metadata/files/Metadata-06-01-01.pdf>

³¹ <https://www.aass.sm/site/home/ciclo-idrico/acqua/acqua-immessa-in-rete.html>

³² https://www.sdg6data.org/country-or-area/San%20Marino#anchor_6.1.1

Please comment on the trends or provide any other important information supporting interpretation of the data with regard to access to sanitation.

| Percentage of population with access to sanitation | Baseline value (specify year) | Value reported in the previous reporting cycle (specify year) | Current value (specify year) |
|----------------------------------------------------|-------------------------------|---------------------------------------------------------------|------------------------------|
| Total 100% | 100% | | 100% |

- Estimates provided by **JMP**. JMP definitions are available at <http://www.wssinfo.org/definitions-methods/watsan-categories>.

Authority per l'Autorizzazione, l'Accreditamento e la qualità dei servizi sanitari, socio-sanitari e socio-educativi³³

- National** estimates. Please specify how “access” is defined and what types of sanitation facilities are considered in the estimates in your country.

In particular, please specify if the above percentage on “access to sanitation” refers to access to (tick all applicable):

- Improved sanitation facilities (as per JMP definition)
- Facilities not shared with other households
- Facilities from which excreta is safely disposed in situ or treated off site

SDG 6.2.1a - Proportion of population using sanitation services and separation of contact from black water [Metadata sheet: present³⁴] is based on questionnaire: 100%.

SDG 6.2.1b - Proportion of population using sanitation services with the possibility of washing hands with soap and water: 100%.

V. Effectiveness of management, protection and use of freshwater resources

1. Water quality

1. On the basis of national systems of water classification, please indicate the percentage of water bodies or the percentage of the volume (preferably) of water³⁵ falling under each defined class (e.g., for European Union countries and other countries following the European Union Water Framework Directive³⁶ classification, the percentage of surface waters of high, good, moderate, poor and bad ecological status, and the percentage of groundwaters/surface waters of good or poor chemical status; for other countries, in classes I, II, III, etc.).

³³ <http://www.sanita.sm/on-line/home/authority-sanitaria.html>

³⁴ <https://unstats.un.org/sdgs/metadata/files/Metadata-06-02-01.pdf>

³⁵ Please specify.

³⁶ Directive 2000/60/EC of the European Parliament and of the Council of 23 October 2000 establishing a framework for Community action in the field of water policy.

(a) **For European Union countries and other countries following the European Union Water Framework Directive classification**(i) *Ecological status of surface water bodies*

| <i>Percentage of surface water classified as:</i> | <i>Baseline value (2021)</i> | <i>Current value (2021)</i> |
|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| High status | | |
| Good status | | |
| Moderate status | | |
| Poor status | | |
| Bad status | | |
| Total number/volume of water bodies classified | Diga di Ridracoli - Fiume Bidente FC (acqua già clorata), Fiume Marecchia - Lago "Torello" - Pietracuta di San Leo - RN. Sorgenti: Acquaviva Canepa Fontevivo Torsano Gorgascura Pozzo Ceci San Giorgio Vena Battistini 1 Vena Battistini 2 Vena Battistini 3 | |
| Total number/volume of water bodies in the country | Sorgenti: Acquaviva Canepa Fontevivo Torsano Gorgascura Pozzo Ceci San Giorgio | |

The biological elements "Composition and abundance of aquatic flora and fauna", to date, are not determined by the Biological Section of the Public Health Laboratory.

(ii) *Chemical status of surface water bodies*

| <i>Percentage of surface water bodies classified as</i> | <i>Baseline value (2021)</i> | <i>Current value (2021)</i> |
|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| Good status | Good | Good |
| Poor status | | |
| Total number/volume of water bodies classified | Diga di Ridracoli - Fiume Bidente FC (già clorata), Fiume Marecchia - Lago "Torello" - Pietracuta di San Leo - RN. | |

| <i>Percentage of surface water bodies classified as</i> | <i>Baseline value (2021)</i> | <i>Current value (2021)</i> |
|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| | <i>Sorgenti: Acquaviva Canepa Fontevivo Torsano Gorgascura Pozzo Ceci San Giorgio Vena Battistini 1 Vena Battistini 2 Vena Battistini 3</i> | |
| Total number/volume of water bodies in the country | <i>Sorgenti: Acquaviva Canepa Fontevivo Torsano Gorgascura Pozzo Ceci San Giorgio</i> | |

The chemical parameters monitored by the Public Health Laboratory, to date, are not sufficient to define the ecological status of the water bodies indicated.

| <i>Corpo idrico</i> | <i>Parametri misurati: Elementi chimici e fisico-chimici, Elementi generali, Inquinanti specifici - sostanze prioritarie (vedi D.D. 27/04/12 n. 44, Dir 2000/60/CE e successive modifiche)</i> |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| - Marecchia – Lago Torello | Ossigeno disciolto |
| - Marecchia – pozzetto | Temperatura |
| - Acquavia | Cadmio |
| - Canepa | Piombo |
| - Fontevivo | Mercurio |
| - Torsano | Nichel |
| - Gorgascura | |
| - Pozzo Ceci | |
| - San Giorgio | |
| - Vene Battistini 1, 2, 3 | |

Based on the results relating only to the chemical parameters indicated in the table above, the water bodies listed above are compatible with the definition of good chemical status. However, it should be noted that the specific pollutants (priority substances and other significant substances) monitored by the Public Health Laboratory are not complete to define in an exhaustive way the chemical state of the water body.

| | |
|------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Corpo idrico</i> | <i>Parametri misurati: Elementi chimici e fisico-chimici, Elementi generali, Inquinanti specifici - sostanze prioritarie (vedi D.D. 27/04/12 n. 44, Dir 2000/60/CE e successive modifiche)</i> |
| <i>Ridracoli – acqua trattata (acqua prelevata al punto di consegna)</i> | Temperatura Benzene Tetracloruro di carbonio 1,2-dicloroetano Diclorometano Esaclorobutadiene Tetracloroetilene Tricloroetilene Triclorobenzeni Triclorometano Ferro Manganese |

Due to the fact that the water from Ridracoli reaches San Marino already treated with chlorine-based disinfectants and therefore contains residues of substances derived from this treatment, it is not possible to classify its status under the Directive 2000/60/EC.

(iii) *Status of groundwaters*

| <i>Percentage of groundwaters classified as</i> | <i>Baseline value (specify year)</i> | <i>Current value (specify year)</i> |
|-----------------------------------------------------------------|------------------------------------------|-----------------------------------------|
| Good quantitative status | | |
| Good chemical status | | |
| Poor quantitative status | | |
| Poor chemical status | | |
| Total number/volume of groundwater bodies classified | | |
| Total number/volume of groundwater bodies in the country | | |

The “*Ufficio Prevenzione Ambiente e Vigilanza del Territorio*³⁷” alike the Italian body ARPAE³⁸, Emilia Romagna, should also proceed with the assessment of the state of groundwater:

- quantitative status of groundwater bodies;
 - chemical status of groundwater bodies;
- with reference to authorizations for the collection of wells, even in the absence of groundwater.

2. Water use

3. Please provide information on the water exploitation index at the national and river basin levels for each sector (agriculture, industry, domestic), i.e., the mean annual abstraction

³⁷ <https://www.gov.sm/publ1/GovSM/UPAV---Ufficio-Prevenzione-Ambiente-e-Vigilanza-del-territorio/Tutela-dell-Ambiente-Naturale-e-Costruito.html>

³⁸ <https://webbook.arpae.it/acque/acque-sotteranee/index.html>

of freshwater by sector divided by the mean annual total renewable freshwater resource at the country level, expressed in percentage terms.

| <i>Water exploitation index</i> | <i>Baseline value (2021)</i> | <i>Current value (2021)</i> |
|----------------------------------------------------|----------------------------------|---------------------------------|
| Agriculture | | |
| <i>Not Domestic uses “Usi diversi”^a</i> | 35% | 35% |
| <i>Domestic uses “Usi domestici”^b</i> | 65% | 65% |

^a includes water abstraction for manufacturing industry.

^b the figure only refers to public water supply systems, not individual supply systems (wells).

Part four

Water-related disease surveillance and response systems

1. In accordance with the provisions of article 8 of the Protocol:

Has your country established comprehensive water-related disease surveillance and early warning systems according to paragraph 1 (a)?

YES NO IN PROGRESS

Has your country prepared comprehensive national or local contingency plans for responses to outbreaks and incidents of water-related disease according to paragraph 1 (b)?

YES NO IN PROGRESS

Do relevant public authorities have the necessary capacity to respond to such outbreaks, incidents or risks in accordance with the relevant contingency plan according to paragraph 1 (c)?

YES NO IN PROGRESS

2. If yes or in progress, please provide summary information about key elements of the water-related disease surveillance and outbreak response systems (e.g., identification of water-related disease outbreaks and incidents, notification, communication to the public, data management and reporting). Please also provide reference to existing national legislation and/or regulations addressing water-related disease surveillance and outbreak response.

3. Please describe what actions have been taken in your country in the past three years to improve and/or sustain water-related disease surveillance, early warning systems and contingency plans, as well as to strengthen the capacity of public authorities to respond to water-related disease outbreaks and incidents, in accordance with the provisions of article 8 of the Protocol.

Part five

Progress achieved in implementing other articles of the Protocol

Please provide a short description of the status of implementation of articles 9 to 14 of the Protocol, as relevant.

Suggested length: up to two pages

Part six

Thematic part linked to priority areas of work under the Protocol

1. Water, sanitation and hygiene in institutional settings

1. In the table below, please provide information on the proportion of schools (primary and secondary) and health-care facilities that provide basic water, sanitation and hygiene (WASH³⁹) services.

The WASH program is inactive in San Marino (SMR), since its objectives of access to the possibility of sanitation through water, both in the home (households), school (schools), and healthcare facilities, public and private) is fully guaranteed⁴⁰.

Basic services refer to the following:

(a) Basic sanitation service: Improved facilities (according to JMP definition), which are sex-separated and usable at the school or health-care facility;

(b) Basic drinking water service: Water from an improved source (according to JMP definition) is available at the school or health-care facility;

(c) Basic hygiene service: Handwashing facility with water and soap available to students (schools) or patients and health-care providers (health-care facilities).

If the above definitions/categories do not apply in your country, please report for alternative categories for which data are available. In this case, please indicate the reported categories by renaming the rows in the table below accordingly.

Please indicate the source of data. If data is not available, please put (-).

| Institutional setting | Current value (2021) |
|-------------------------------|----------------------|
| <i>Schools</i> | |
| Basic sanitation service | 100% |
| Basic drinking-water service | 100% |
| Basic hygiene service | 100% |
| <i>Health-care facilities</i> | |
| Basic sanitation service | 100% |
| Basic drinking-water service | 100% |
| Basic hygiene service | 100% |

2. Has the situation of WASH in schools been assessed in your country?

YES NO IN PROGRESS

3. Has the situation of WASH in health-care facilities been assessed in your country?

YES NO IN PROGRESS

4. Do approved policies or programmes include actions (please tick all that apply):

To improve WASH in schools

39 <https://washdata.org/how-we-work/about-jmp>

40 <https://washdata.org/data/household#!/smr>

To improve WASH in health-care facilities

5. If yes, please provide reference to main relevant national policy(ies) or programme(s).

2. Safe management of drinking-water supply

6. Is there a national policy or regulation in your country, which requires implementation of risk-based management, such as WHO water safety plans (WSPs⁴¹), in drinking water supply?

The Water Safety Plan WHO WASH⁴² program is inactive in San Marino (SMR).

YES NO IN PROGRESS

7. If yes, please provide reference to relevant national policy(ies) or regulatory documentation.

8. In the table below, please provide information on the percentage of the population serviced with drinking-water under a WSP.

Please indicate the source of data. If data is not available, please put (-).

| <i>Percentage of population</i> | <i>Current value (specify year)</i> |
|---------------------------------|-------------------------------------|
| Total | |

3. Equitable access to water and sanitation

9. Has the equity of access to safe drinking-water and sanitation been assessed?

YES NO IN PROGRESS

10. Do national policies or programmes include actions to improve equitable access to water and sanitation (please tick all that apply):

- To reduce geographical disparities
- To ensure access for vulnerable and marginalized groups
- To keep water and sanitation affordable for all

11. If yes, please provide reference to main relevant national policy(ies) and programme(s).

41 <https://www.who.int/publications/i/item/9789290614029>

42 [https://www.who.int/multi-media/details/water-safety-planning-\(wsp\)-an-introduction-to-wsp-principles-and-steps#](https://www.who.int/multi-media/details/water-safety-planning-(wsp)-an-introduction-to-wsp-principles-and-steps#)

Part seven

Information on the person submitting the report

The following report is submitted on behalf of **San Marino (SMR)** in accordance with article 7 of the Protocol on Water and Health.

Name of officer responsible for submitting the national report: **Giorgio Chiaruzzi**

E-mail: **giorgio.chiaruzzi@aass.sm**

Telephone number: **(+378) 0549 883779**

Name and address of national authority: **Azienda Autonoma di Stato per i Servizi Pubblici**

Signature:

Date: **March the 18th, 2022**

Submission

1. Parties are required to submit their summary reports to the joint secretariat, using the present template and in accordance with the adopted guidelines on reporting, 210 days before the next session of the Meeting of the Parties. Submission of the reports ahead of this deadline is encouraged, as this will facilitate the preparation of analyses and syntheses to be made available to the Meeting of the Parties.

2. Parties are requested to submit, to the two addresses below, an original signed copy by post and an electronic copy by e-mail. Electronic copies should be available in word-processing software.

Joint Secretariat to the Protocol on Water and Health

United Nations Economic Commission for Europe
Palais des Nations
1211 Geneva 10
Switzerland
(E-mail: protocol.water_health@unece.org)

World Health Organization Regional Office for Europe
WHO European Centre for Environment and Health
Platz der Vereinten Nationen 1
53113 Bonn
Germany
(E-mail: euwatsan@who.int)

Elenco visti a procedere firma elettronica

Visto a procedere 1 di 1 del 22/03/2022 09:42:59

Soggetto: raoul chiaruzzi (PA\rchiaruzzi)

Email: raoul.chiaruzzi@aass.sm
