

RIU SUSTAINABLE DRINKING WATER PROGRAM – JAMAICA



SPS History

- 1912** Oosterhof's Aannemingsbedrijf founded
- 1981** Oosterhof Holman Wegenbouw founded
(roadbuilding)
- 1989** Oosterhof Holman Milieutechniek founded
(environmental technology)
- 2004** Oosterhof Holman BioEnergy founded
(sustainable energy projects)
- 2011** Adverio Engineering founded
(EPCM contracting abroad)
- 2014** Adverio Waste Systems founded
- 2015** Adverio Ukraine founded
- 2016** SPS NL founded
- 2024** SPS Jamaica founded



Sustainable Planet Solutions Jamaica

- Scalable solutions/Proven technologies/Operational excellence
- Main expertises:
 - Drinking water systems
 - Waste Water Treatment
 - Mixed Waste Processing
 - Anaerobic digestion/Waste to Energy
 - Composting
- Services:
 - Design & Build/Design, Build & Operate and finance
 - Consultancy: feasibility/operations support/spare parts management



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SPS proposes to develop and implement a novel sustainable drinking water program (the “Program”) that has the potential to significantly improve RIU Jamaica’s sustainability footprint and image as a leader in the field of sustainable travel. The Program will focus on providing Riu guests with high quality sustainable drinking water. A key objective of the Program will be to eliminate single use plastic water bottles, and the adverse environmental impacts associated with the production, delivery, and disposal of plastic bottles. The key attributes of the Program will include:

- **Sustainable water availability** – sustainable water will be provided to guests via Riu’s drinking water piping infrastructure to Riu restaurants, bars, poolside, and in fitness facilities. In addition, two sustainable water dispensing systems will be installed on all the floors of the participating resorts so that guests have easy access to refill their reusable water bottles.
- **Reusable water bottles** – two, 1.5 liter reusable water bottles will be provided in each guest room. Bottles can be filled by staff of resort or by guests themselves at the dispenser depending on hotel category, Palace vs. Classic In addition, reusable water bottles will be provided for guest excursions and for purchase.
- **Small bottles** can be provided for guests to fill themselves at the dispensers.
- **Measurement and global leader, third party certification** – SPS will measure the Program’s impact including: (i) plastic bottles displaced; (ii) CO₂e emission reduction; and (iii) other SDG impacts and work with a leading certification to secure third party certification of key results for Riu



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SPS is working on expanding and optimizing this system. In the coming period, more and more expansions will be possible that can be easily implemented as an addition to the standard program. The key attributes of the Program will include:

- **Atmospheric water generator** - Water extraction from air with different capacities.
 - Generate high quality water from the air. No microplastics, chlorine or added chemicals.
 - Avoid any kind of waste generation and natural water sources exploitation. Minimum impact.
 - No need for a nearby water source. No logistic or storage space. Just air and energy are needed.
- **Optional: Locally sources, high quality drinking water** –Subject to trucking, SPS can source water from wells. This spring water is of high quality which can be offered in the resorts.



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The key benefits of the Riu Sustainable Water Program are as follows:

- Elimination of plastic bottle waste
- Reduced Scope 3 CO₂e emissions - due to:
 - Plastic Water Bottles - including the elimination of plastic water bottles (plastic production, bottle production, packaging, transportation, and disposal)
 - Local sourcing – sustainable water will be sourced locally.
- Increased guest satisfaction – according to a sustainability survey by Bookings.com
- Enhanced Reputation and Image – the proposed program has the potential to enhance Riu’s reputation and image as a leader in the field of sustainable travel
- Decreased drinking water and drinking water related costs – target cost reduction of 20% or more



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Some examples



SEAMLESS DESIGN

Fits within the width and depth of two wall studs near water and electric. Includes drip tray with optional drain connection; can connect into existing water line. Designed for new construction or existing spaces.

BOTTLES SAVED

Backlit LED Green Ticker™ counts the number of disposable, single-use plastic bottles served without the plastic bottle waste.

FILTERED WATER

Filter is certified to NSF 42 and 53 to reduce lead and other harmful contaminants. Filter status lights indicate when filter changes are needed. Commercial model: 3,000-gallons.

SENSOR ACTIVATED

Hands-free filling with automatic timed shut off to help prevent accidental spills and messes. Safety lock setting prevents unsupervised use.

CHILLER OPTIONS

Unit can be installed with or without a chiller. Commercial model: Chiller sold separately. Various chiller options available, based on application.

CONVENIENT AND SUSTAINABLE

Self-serve design allows people to help themselves to refreshing water, at home or in commercial spaces, in an eco-friendly way.

IN-WALL INSTALLATION

Fits within 40.6cm OC 5cm x10cm studs near water and electrical; includes drip tray with optional drain connection.

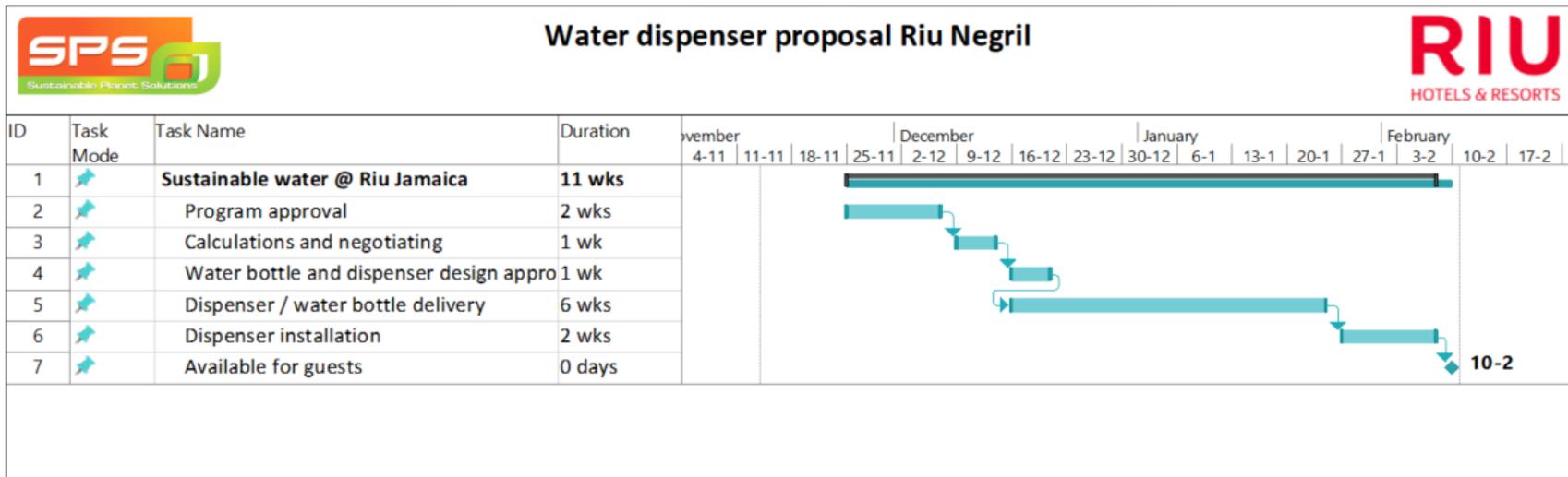
DRAIN

Optional drain connection available.



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Our proposal is to start with a pilot project. We can do this with different capacities that can easily be expanded later. Since major maintenance is currently being carried out at Riu Negril, this is the right location to start a pilot project. This is a global planning that we can adjust in connection with the work at Riu Negril.



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