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Workshop on Sustainability in AtoN provision

# INTRODUCTION

The topic of Sustainability have been discussed during the previous sessions of PAP and ideas sought from the committees as to what IALA members could do and what principles IALA could promote to monitor and reduce the carbon footprint and impact on the environment within the role of AtoN provision. Therefore, the workshop aims at exploring ways that support AtoN providers to minimize their impact on the environment.

During the spring committee season, the workshop proposal attached to this input have been progressed and the following topics were considered as key element to the conduction of the workshop:

* Through-life environmental impact of AtoN components
* The life cycle of an AtoN
* De risking existing installations for environmental impact
* The impact of AtoN provision on the environment
* Renewable energy & storage developments
* Green IT solutions (data storage, VTS)
* Energy saving components of AtoN (lights, RTU, PSUs etc)
* Putting cost in its place when selecting AtoN (sustainability in procurement)
* Use of AtoN for green navigation / shipping and sustainable environment
* Use of virtual AtoN in place of physical, the balance of risk, cost and environmental impact

The purpose of the workshop:

* Develop guidance on assessing the environmental impact over the life cycle of AtoN
* Proposals for environmentally friendly AtoN systems;
* Knowledge sharing in sustainable development;
* Examples and promotion of sustainable power systems;

# WORKSHOP PROPOSAL

This is a cross committee topic and interest is expected from all IALA committees.

It is envisaged that invitations will be sent to:

* IALA National members
* IALA Industrial members

Other stakeholders as identified by the steering group. It is expected that the workshop will attract a group of up to 60 persons at IALA. The meeting will be hybrid to enable a wider attendance and to reduce travelling impact but with a will to encourage physical participation.

# ACTION REQUESTED

Council is requested to approve the proposed Sustainability in AtoN provision Workshop.

# REFERENCES

[1] Workshop Proposal “Sustainability in AtoN provision”