ASNET-AM: Environmental Policy

ICT is one of the fastest growing sectors in terms of energy consumption. The increasing pervasiveness of ICT and the continuously growing demand for more computing and bandwidth creates a significant footprint within organizations and as whole. Optimizing energy and material efficiency of ICT services is imperative to ensure both economical and environmental sustainability.

ASNET-AM is aware of the impact of greenhouse gases (GHG) on our climate and on prospects for society now and in the future. We accept that people and organisations at all levels have obligations to control GHG emissions and to act responsibly in our lives and our businesses.

Furthermore, ASNET-AM has a special position due to its national standing, its intimate relationship with higher education and research and its advocacy of leading-edge technology and applications. In this sense, we have a duty both to adopt environmental best practices, and to promote appropriate networking technology as an alternative to practices which act as large pollution and emission sources vie the following actions:

Therefore, we will integrate environmental best practices into our business activities while maintaining an appropriate balance between environmental and economic considerations.

In addition, we will help and support the higher education community in their transition to a low-carbon operation through our services and through sharing our knowledge and expertise.

To this end, ASNET-AM with the provision and support of the advanced network infrastructure and network services will act as below:

- **Apply** responsible standards in areas not already covered by existing laws and regulations;
- **Report** on the environmental footprint and be transparent about how it is built up;
- **Monitor** energy and material use and create an energy-aware infrastructure;
- **Save** energy through the procurement and use of energy efficient equipment and energy efficient management of equipment;
- **Respect** the environment and emphasise every employee's responsibility to improve environmental performance;
- **Observe** prudence in our use of resources and reduce wastage as far as economically possible;
- **Support** staff in the use of sustainable practices at the office, during travel or at home;
- **Help** to achieve relevant targets set for sustainable operations and development;
- **Re-use** and recycle where possible, and dispose of what is left in a responsible way.
- **Consider** environmental issues in all our business activities, including procurement decisions for goods and services;
- **Develop** services that naturally reduce GHG emissions of their users through substitution and optimization effects of ICT.
- **Promote** the use of appropriate ICT services as an environmentally positive alternative;
- **Share** experiences with others to foster wider improvements within the community and communicate with the Research and Education community on environmental matters.
- **Stimulate** HE institutions to share best practices on environmental sustainability within the community.
- **Work** with others in the NREN community to raise standards and carry forward greater enhancements in environmentally sensible practices;
- **Push** vendors and other suppliers to improve their environmental standards through procurement and service level agreements;
- **Participate** in research activities to discover new innovations in Green ICT;
- **Collaborate** with HE institutions, governments and industry partners to maximize overarching impacts and avoid local maxima.