

SPACE POWER SYMPOSIUM (C3)

Space-based Solar Power Architectures – New Governmental and Commercial Concepts and Ventures (1)

Author: Dr. Leopold Summerer

European Space Agency (ESA), The Netherlands, leopold.summerer@esa.int

Mr. Lionel Jacques

European Space Agency, ESA, The Netherlands, Lionel.Jacques@esa.int

PROSPECTS FOR SPACE SOLAR POWER IN EUROPE

Abstract

In 2002, a new phased, multi-year approach to space solar power has been introduced and presented. Several activities have matured the concept and technology further in the following years.

Not only the space but most of all the energy sector has substantially changed since then. The present paper assesses how these changes influence the prospect for space solar power work especially for Europe.