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SAMI Consulting 

Foresight of New and Emerging Risks to Occupational Safety and Health Associated with New Technologies in Green Jobs by 2020

The UK Health and Safety Laboratory (HSL), SAMI Consulting and Technopolis are undertaking this two-year project for the European Agency for Safety and Health at Work (EU-OSHA.) It commenced in January 2010.

The overall aim of the project is to produce sets of scenarios for 2020 covering a range of new technologies in green jobs, in order to inform EU decision makers, Member States' Governments, trade unions and employers so that they can take decisions in order to shape the future of occupational safety and health in green jobs towards safer and healthier workplaces.

The work comprises three distinct phases:

- **Phase 1** (completed December 2010) involved the identification of key contextual drivers of change that could contribute to creating new and emerging risks associated with new technologies in green jobs by 2020. This was achieved by a literature search; followed by a consultation exercise involving structured interviews with a range of experts and key thinkers; and a web consultation exercise. The drivers identified will be used in the generation of a basic set of scenarios from which the final scenarios will be derived.
- **Phase 2** (completed May 2010) is the identification of the key technological innovations that may be introduced in green jobs over the next ten years that may lead to new and emerging risks in the workplace, or have a positive impact on workers' safety and health. This involved a literature review, consultation exercise and an expert workshop.
- **Phase 3** comprises a series of workshops to be held across Europe to generate the scenarios, based on the findings of Phases 1 and 2.

HSL www.hsl.gov.uk help the Health and Safety Executive minimise risks to people's health and safety at work. They have over 30 years' experience and now work with a wide range of other public and private-sector organisations, often conducting detailed, bespoke research and development work on their behalf. This project is being led by the HSL Futures Team.

SAMI Consulting www.samiconsulting.co.uk was founded in 1989 by Shell and St Andrews University. It is one of the leading practitioners in the UK of the art of effectively using strategic futures methods to improve the development of public policy. (Contact: john.reynolds@samiconsulting.co.uk)

Technopolis Group (www.technopolis-group.com) is an international group with more than 20 years of experience in advising public institutions on policies in the fields of science, technology, innovation, higher education and social and economic development. Technopolis Group's Brussels office is responsible for this project.

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If you would further information on this project please contact the HSL project director: Peter.Ellwood@hsl.gov.uk ; or the EU-OSHA lead Emmanuelle Brun: brun@osha.europa.eu.