



Green jobs and occupational safety and health:

**Foresight on new and emerging risks
associated with new technologies by 2020**

Summary

Contents

| | |
|---|----|
| 1. Introduction | 5 |
| 2. Phase 1 - Contextual drivers of change | 7 |
| 3. Phase 2 - Key new technologies | 9 |
| 4. Phase 3 - Constructing the scenarios | 11 |
| 5. Scenarios and overview of new and emerging OSH risks | 13 |
| 5.1. Win-win | 13 |
| 5.2. Bonus world | 20 |
| 5.3. Deep green | 27 |
| 6. Conclusions | 35 |
| 6.1. New and emerging challenges for OSH in green jobs | 35 |
| 6.2. The foresight and scenario-building process | 36 |
| 7. References | 37 |

Tables and figures

| | |
|---|----|
| Table 1: Key technology innovations for phase 3 | 9 |
| Table 2: Three base scenarios defined | 11 |
| Figure 1: Use of scenarios for strategy planning | 6 |
| Figure 2: Four scenarios plotted by economic growth against green values | 11 |
| Figure 3: Qualitative representation of the level of green innovation shown as a proportion of total innovation | 12 |