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**Recommendation 1** | Follow circular economy principles

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**Recommendation 2** | Adopt digital materials passports to improve data standardisation and traceability

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**Recommendation 3** | Prioritise design for disassembly, reuse, durability and recyclability

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**Recommendation 10** | Investment in research and knowledge exchange opportunities to tackle end-of-life of PV panels

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**Recommendation 9** | Create specific regulations for PV panels

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**Recommendation 8** | Improve recycling processes and technologies

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**Recommendation 7** | Develop partnerships and second-hand market support

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**Recommendation 6** | Explore reuse potential and second-hand market opportunities

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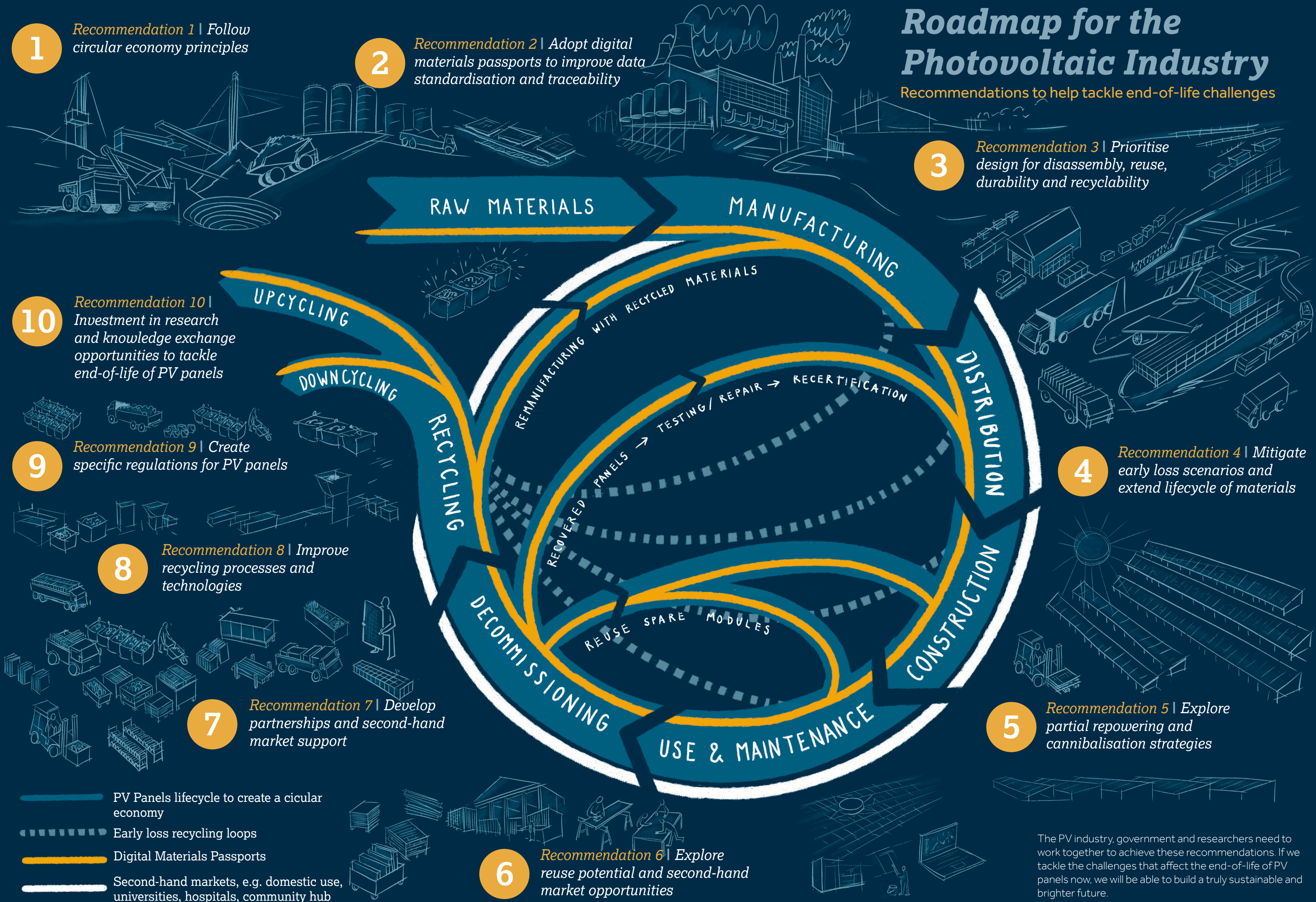
**Recommendation 5** | Explore partial repowering and cannibalisation strategies

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**Recommendation 4** | Mitigate early loss scenarios and extend lifecycle of materials

# Roadmap for the Photovoltaic Industry

Recommendations to help tackle end-of-life challenges



The PV industry, government and researchers need to work together to achieve these recommendations. If we tackle the challenges that affect the end-of-life of PV panels now, we will be able to build a truly sustainable and brighter future.