Draft Outline of First ITIAC Report (for Discussion)

- 1. Front Matter
 - 1.1. List of Committee Members
 - 1.2. Acknowledgements
- 2. Executive Summary
- 3. Introduction
 - 3.1. The Imperative and Opportunity for Industrial Decarbonization
 - 3.2. Overview of DOE Strategic Documents
 - 3.2.1. Industrial Decarbonization Roadmap
 - 3.2.2. Pathways to Commercial Liftoff
 - 3.3. Motivation for this Report
 - 3.4. Committee Charge & Approach
- 4. Subsector-specific Barriers & Opportunities
 - 4.1. Iron, Steel, & Steel Mill Products
 - 4.2. Chemicals
 - 4.3. Cement
 - 4.4. Pulp & Paper
 - 4.5. Aluminum
 - 4.6. Glass & Ceramics
 - 4.7. Additional Industries?
- 5. Cross-cutting Barriers & Opportunities
 - 5.1. Carbon Capture Technologies
 - 5.2. Smart Manufacturing
 - 5.3. Critical Materials
 - 5.4. Heavy-Duty Transportation
 - 5.5. Additional Topics?
- 6. Department of Energy Approaches to Industrial Technology
 - 6.1. Overview of DOE Activity
 - 6.2. Assessment of DOE Activity
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- 8. Appendices
 - 8.1. Committee Charter

Possible Subcommittees (for Discussion)

- Metals (Iron & Steel; Steel Mill Products; Aluminum)
- Chemicals; Pulp & Paper
- Cement, Glass, & Industrial Ceramics
- Smart Manufacturing, Modeling, and High-Performance Computing
- Carbon Capture Technologies
- Critical Materials
- Heavy-Duty Transportation