

Recycling Solar Panels

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Presented By:
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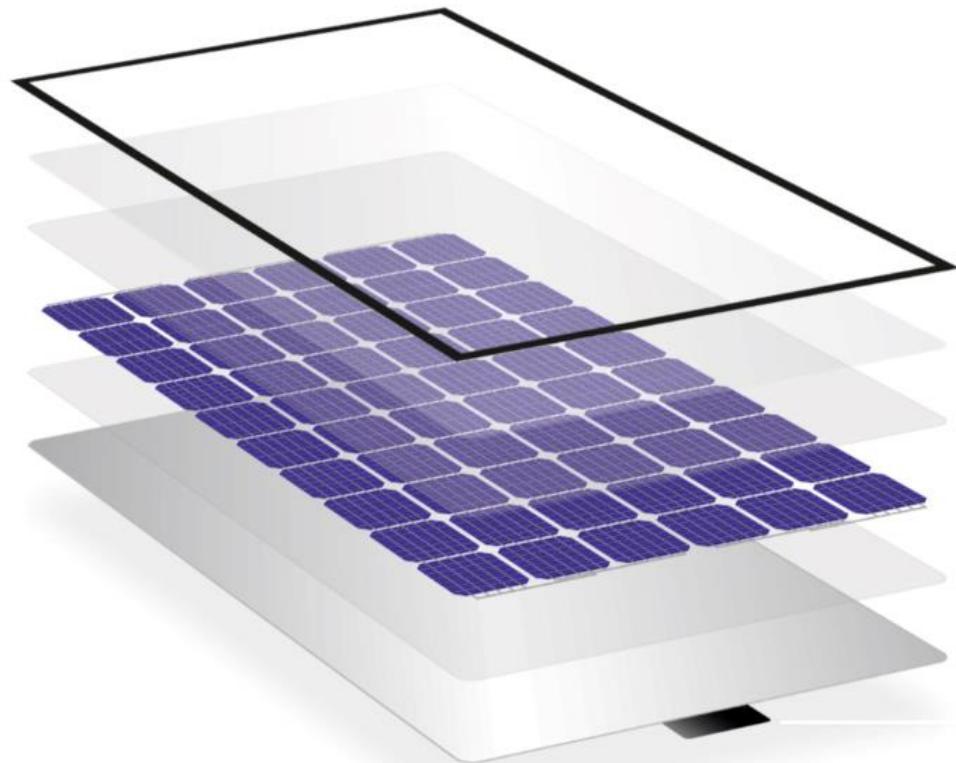




Formed by veterans of the hazardous waste disposal, waste management, electronics and metals recycling, and reverse logistics industries

What's in a Solar Panel?





Aluminum Frame

Tempered Glass

Encapsulant (EVA)

Solar Cells

Encapsulant (EVA)

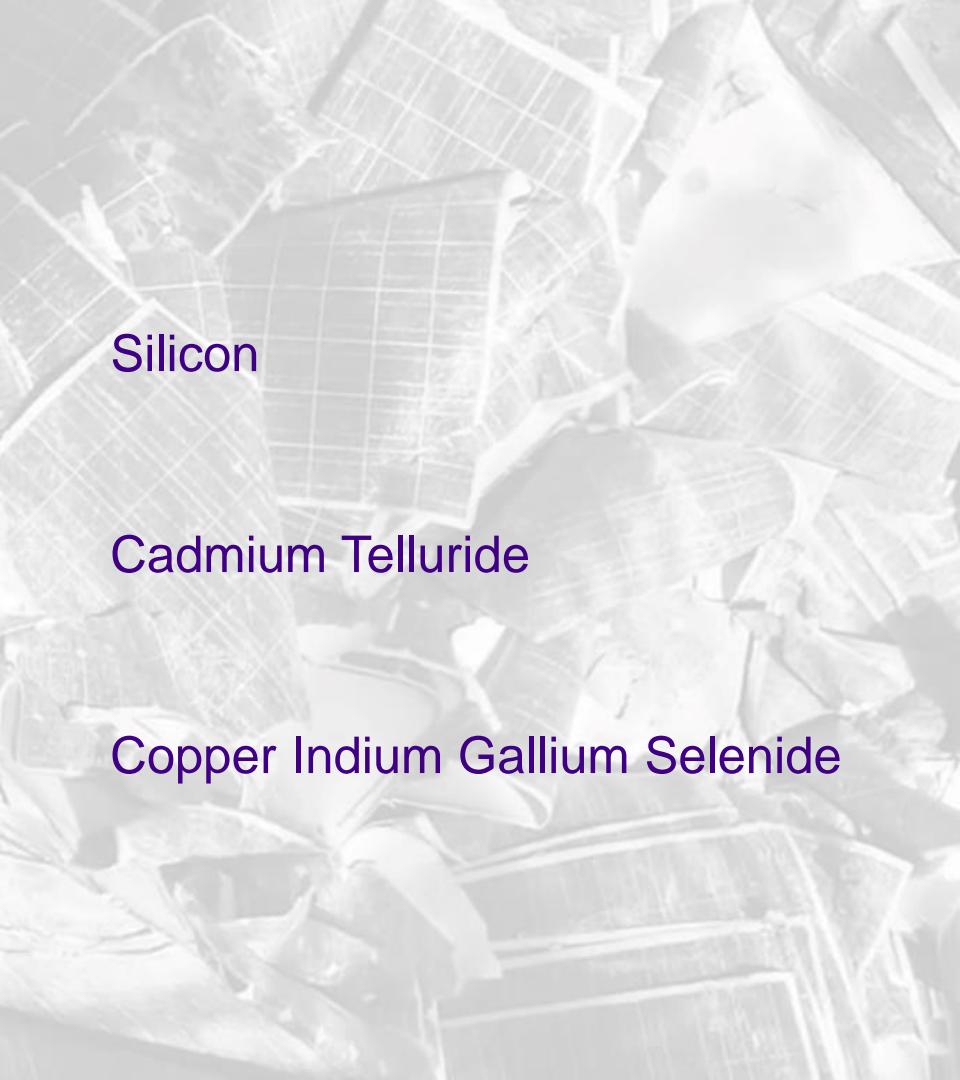
Backsheet (PVF)

Junction Box

Panel Types



Main Semiconductors

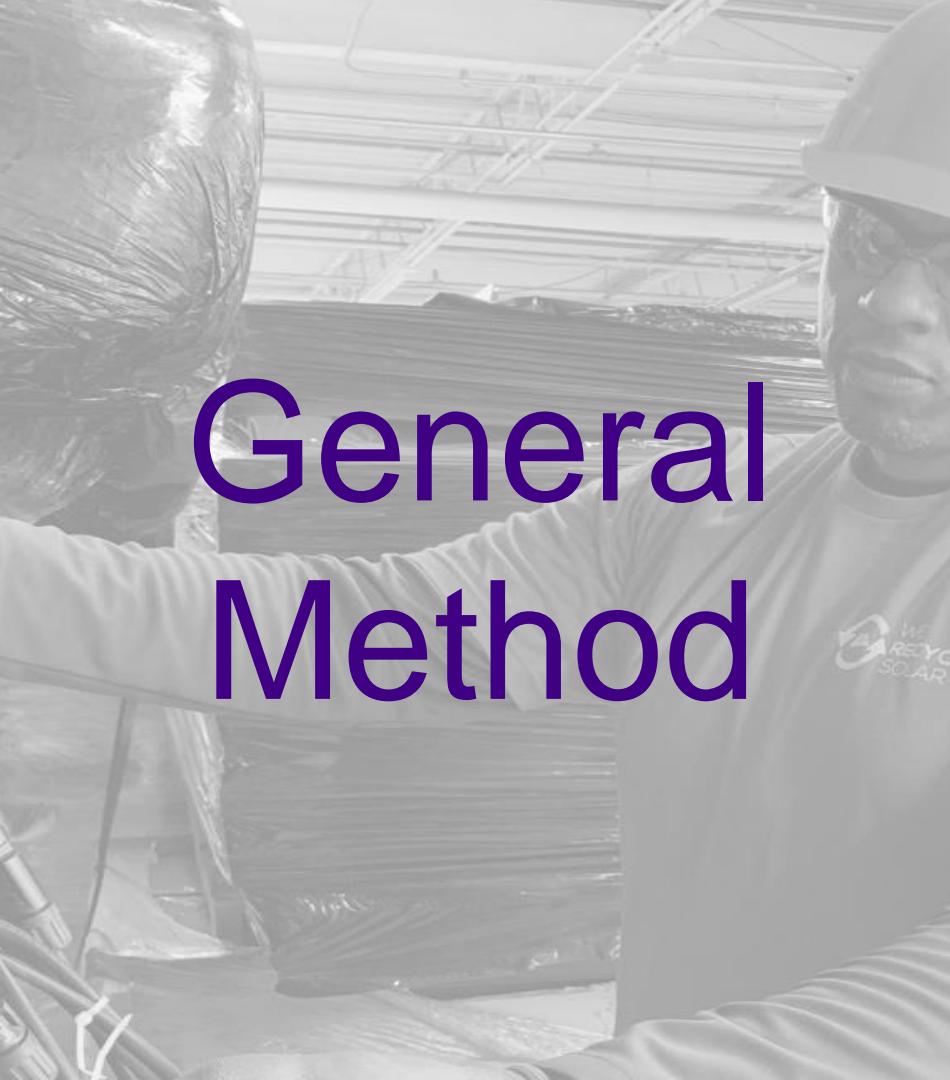


Silicon

Cadmium Telluride

Copper Indium Gallium Selenide

Recycling Process



General Method

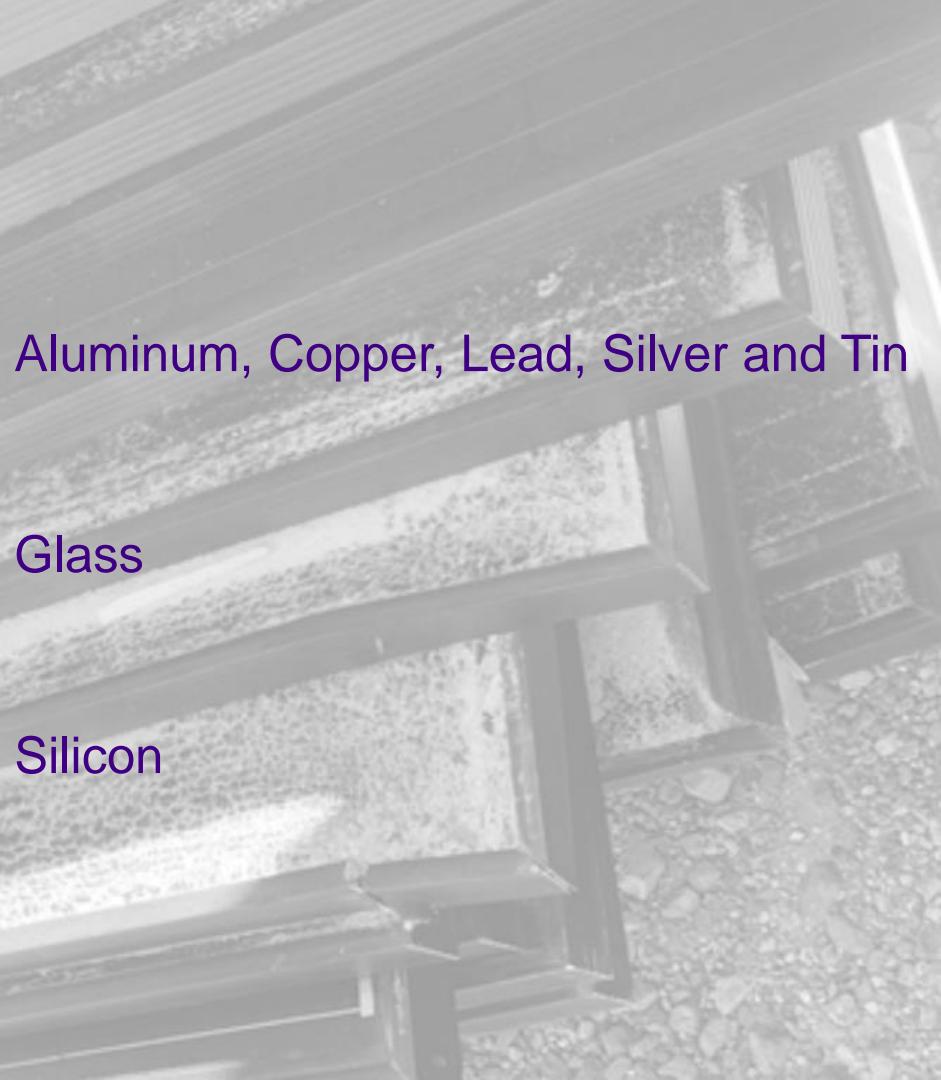
Disassembly

Size Reduction

Chemical Processing

Material Separation

Recovered Materials



Aluminum, Copper, Lead, Silver and Tin

Glass

Silicon



Challenges



Primary Barriers

Logistics
Economics

Questions?

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