



SILICON VALLEY TOXICS COALITION

• Protecting workers, community and the environment •

Envisioning Sustainable Solar Technology:
Forum on Solar Recycling
June 15, 2011

Just and Sustainable Solar Industry Campaign Goals

- **Mandatory Takeback and Responsible Recycling:** Takes responsibility for the environmental and health impacts of solar products throughout their lifecycles, including adherence to a mandatory policy for responsible recycling.
- **Green Jobs:** Implements and monitors equitable labor standards throughout global supply chains.
- **Toxic Reduction and Elimination:** Pursues innovative approaches to reducing the toxic chemicals used in panel manufacturing.

Manufacture Takeback and Responsible Recycling

- **E-stewards:** all solar recycling programs should be certified and audited
- Pre-paid recycling
- Manufacture takeback and recycling

Why Mandatory?

Levels the playing field for all companies – otherwise companies that invest in recycling can be put at an economic disadvantage.

Create recycling standards - so as to eliminate the mishandling and dumping that that is happening in other sectors.

Increases volumes - recyclers have a dependable flow of materials at volumes that bring down the cost for recyclers.

Why Mandatory? cont.

Investment in recycling technology.

Incentives for design for environment and end of life — bring down the cost.

Harmonizes law —companies don't spend a lot of money trying to follow laws in different states.

Green Jobs

- **See SVTC green Jobs Platform:**

<http://svtc.org/our-work/solar/green-jobs-platformfor-solar/>

- **Proximity Principle:** Manufacture and recycle in the markets where companies sell

Toxic Reduction and Elimination

- Green Chemistry Principles
- Design for the Environment
- Lifecycle analysis
- Perform alternative assessment
- Test all new materials



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