



Technicians for Sustainability

Disclosure Report
Date Submitted: September, 2023



Disclosure Materials

Certified B Corporations must complete a Disclosure Questionnaire to identify potentially sensitive issues related to the company (e.g. historical fines, sanctions, material litigation, or sensitive industry practices).

This component does not affect the company's score on the B Impact Assessment. If the company answers affirmatively to any items in the Disclosure Questionnaire that B Lab deems relevant for public stakeholders, then, as a condition of their certification, the company must:

- 1) Be transparent about details of the disclosure issues identified on the company's public B Impact Report
- 2) Describe how the company has addressed this issue
- 3) Demonstrate that management practices are in place to avoid similar issues from arising in the future, when necessary.

In all cases, the Standards Advisory council reserves the right to refuse certification if the company is ultimately deemed not to uphold the spirit and integrity of the community.

In addition to the voluntary indication of sensitive issues in the Disclosure Questionnaire, companies pursuing Certification also are subject to a background check by B Lab staff. Background checks include a review of public records, news sources, and search engines for company names, brands, executives/founders, and other relevant topics.

Sensitive issues identified through background checks may or may not be within the scope of questions in the Disclosure Questionnaire, but undergo the same review process and are subject to the same possible review by the Standards Advisory Council, including ineligibility for B Corp Certification, required remediation, or disclosure.

This document contains a copy of the company's completed Disclosure Questionnaire and related disclosure documentation provided by the company



Disclosure Questionnaire

Industries and Products

	Yes	No
Please indicate if the company is involved in production or trade in any of the following. Select Yes for all options that apply.		
Animal Products or Services	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Biodiversity Impacts	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Chemicals	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Disclosure Alcohol	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Disclosure Firearms Weapons	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Disclosure Mining	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Disclosure Pornography	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Disclosure Tobacco	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Energy and Emissions Intensive Industries	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Fossil fuels Gambling	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Genetically Modified Organisms	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Illegal Products or Subject to Phase Out	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Industries at Risk of Human Rights Violations	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Monoculture Agriculture	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Nuclear Power or Hazardous Materials	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Payday, Short Term, or High Interest Lending	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Water Intensive Industries	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tax Advisory Services	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Outcomes & Penalties

	Yes	No
Please indicate if the company has had any formal complaint to a regulatory agency or been assessed any fine or sanction in the past five years for any of the following practices or policies. Check all that apply.		
Anti-Competitive Behavior	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Breaches of Confidential Information	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Bribery, Fraud, or Corruption	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Company has filed for bankruptcy	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Consumer Protection	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Financial Reporting, Taxes, Investments, or Loans	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Hazardous Discharges Into Air/Land/Water (Past 5 Yrs)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Labor Issues	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Large Scale Land Conversion, Acquisition, or Relocation	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Litigation or Arbitration	<input type="checkbox"/>	<input checked="" type="checkbox"/>
On-Site Fatality	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Penalties Assessed For Environmental Issues	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Political Contributions or International Affairs	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Recalls	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Significant Layoffs	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Violation of Indigenous Peoples Rights	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other	<input type="checkbox"/>	<input checked="" type="checkbox"/>



Practices

	Yes	No
Please indicate if the following statements are true regarding whether or not the company engages in the following practices. Check all that apply. If the statement is true, select "Yes." If false, select "No."		
Animal Testing	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Company/Suppliers Employ Under Age 15 (Or Other ILO Minimum Age)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Company prohibits freedom of association/collective bargaining	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Company workers are prisoners	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Conduct Business in Conflict Zones	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Confirmation of Right to Work	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Does not transparently report corporate financials to government	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Employs Individuals on Zero-Hour Contracts	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Facilities located in sensitive ecosystems	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ID Cards Withheld or Penalties for Resignation	<input type="checkbox"/>	<input checked="" type="checkbox"/>
No formal Registration Under Domestic Regulations	<input type="checkbox"/>	<input checked="" type="checkbox"/>
No signed employment contracts for all workers	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Overtime For Hourly Workers Is Compulsory	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Payslips not provided to show wage calculation and deductions	<input type="checkbox"/>	<input checked="" type="checkbox"/>

	Yes	No
Sale of Data	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tax Reduction Through Corporate Shells	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Workers cannot leave site during non-working hours	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Workers not Provided Clean Drinking Water or Toilets	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Workers paid below minimum wage	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Workers Under Bond	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Supply Chain Disclosures

	Yes	No
Please indicate if any of the following statements are true regarding your company's significant suppliers.		
Business in Conflict Zones	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Child or Forced Labor	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Negative Environmental Impact	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Negative Social Impact	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other	<input type="checkbox"/>	<input checked="" type="checkbox"/>



Disclosure Questionnaire Statement

Disclosure Questionnaire Category: Industries at Risk of Human Rights Violations

Topic	Forced labor related to the production of polysilicon.
Summary of Issue	<p>Technicians for Sustainability is locally owned, mission-driven company specializing in solar energy and sustainable technologies for residential and commercial settings. The company installs high-quality, clean, solar electric systems that are built to last.</p> <p>At this point, some of the raw materials required to produce solar panels (polysilicon) comes from Xinjiang region (NorthWest region in China).</p> <p>The region has well known incidents of human right abuses against Uyghurs, a Muslim minority group based in Xinjiang.</p>
Size/Scope of Issue (e.g. \$ financial implication, # of individuals affected)	<p>The company does not purchase polysilicon directly, nor produce solar panels.</p> <p>Nevertheless, solar panel acquisition is a core component of the company's business model.</p> <p>Accordingly to US ITC Dataweb and UN Comtrade, 95% of solar panels worldwide are made up of polysilicon and nearly half of the global production comes from Xinjiang region, where polysilicon is produced mostly by Uyghurs and other Muslim minorities under allegations of forced labor.</p>
Impact on Stakeholders	<p>Solar panel's supply chain, due to the reliance on polysilicon manufacturing in Xinjiang region, is a high-risk industry due to human rights violations against Uyghurs and other Muslim minorities.</p> <p>The human rights violations include the use of Uyghur and other Muslims minorities as workforce in the so-called "re-education" camps. These workers are subjected to various forms of abuse, including physical and psychological, long working hours, and poor living conditions.</p> <p>Despite several pieces of evidence about the issue, the topic remains a serious concern for international trade. The international community faces limitations to carrying out effective due diligence in the Xinjiang region, meaning traditional supply chain monitoring is insufficient to avoid or mitigate this issue. This has led to efforts such as the Coalition</p>



	to End Uyghur Forced Labor, calling for a complete exit of the region.
Implemented Management Practices	The company is in the process of implementing management practices to screen and choose suppliers committed to tackling the problem.
Management Comments	B-lab relies on self reporting for the disclosure questionnaire. Although the forced labor issue associated with the raw materials used to manufacture solar panels has been known since 2021, no other solar companies to date have been required to include a disclosure about this issue on their public profile, either because the review of that company did not think it was necessary to post a disclosure, or because those companies did not check yes to the question although they are in the same position that TFS is in with regards to the issue.
Report	Insider NYT https://www.dol.gov/sites/dolgov/files/ILAB/images/storyboards/solar/Solar.pdf