

Canadian Solar Inc.
Form SC 13G
February 14, 2011

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934
(Amendment No.)*

CANADIAN SOLAR INC.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

136635109

(CUSIP Number)

December 31, 2010

(Date of Event which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)
- Rule 13d-1(c)
- Rule 13d-1(d)

* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see Instructions).

CUSIP No.: 136635109

1 NAME OF REPORTING PERSON
 SAM Sustainable Asset Management AG

I.R.S. IDENTIFICATION NO. OF

ABOVE PERSON (ENTITIES ONLY)

CHECK THE APPROPRIATE BOX IF
A MEMBER OF A GROUP

2

(a)
(b)

3

SEC USE ONLY

4

CITIZENSHIP OR PLACE OF
ORGANIZATION
Switzerland

NUMBER OF
SHARES
BENEFICIALLY
OWNED BY EACH
REPORTING
PERSON WITH

5 SOLE VOTING POWER
3,573,200
6 SHARED VOTING POWER
0
7 SOLE DISPOSITIVE POWER
3,573,200
8 SHARED DISPOSITIVE POWER
0

9

AGGREGATE AMOUNT
BENEFICIALLY OWNED BY EACH
REPORTING PERSON
3,573,200

10

CHECK BOX IF THE AGGREGATE
AMOUNT IN ROW (9) EXCLUDES
CERTAIN SHARES

11

PERCENT OF CLASS REPRESENTED
BY AMOUNT IN ROW (9)
8.36%

12

TYPE OF REPORTING PERSON
OO

CUSIP No.: 136635109

ITEM 1(a). NAME OF
ISSUER:

CANADIAN
SOLAR INC.

ITEM 1(b). ADDRESS OF
ISSUER'S
PRINCIPAL
EXECUTIVE

OFFICES:

199 Lushan
Road
Suzhou New
District
Jiangsu, 215129
China

ITEM 2(a). NAME OF
PERSON
FILING:

SAM
Sustainable
Asset
Management
AG

ITEM 2(b). ADDRESS OF
PRINCIPAL
BUSINESS
OFFICE OR, IF
NONE,
RESIDENCE:

Josefstrasse 218,
8005 Zurich

ITEM 2(c). CITIZENSHIP:
Switzerland

ITEM 2(d). TITLE OF
CLASS OF
SECURITIES:

Common Stock

ITEM 2(e). CUSIP
NUMBER:

136635109

ITEM 3. IF THIS STATEMENT IS FILED PURSUANT TO SECTION 240.13d-1(b), or 13d-2(b) or (c) CHECK
WHETHER THE PERSON FILING IS A:

- (a) Broker or dealer registered under Section 15 of the Act (15 U.S.C. 78c);
- (b) Bank as defined in Section 3(a)(6) of the Act (15 U.S.C. 78c);
- (c) Insurance company as defined in Section 3(a)(19) of the Act (15 U.S.C. 78c);
- (d) Investment company registered under Section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8);
- (e) An investment adviser in accordance with 240.13d-1(b)(1)(ii)(E);
- (f) An employee benefit plan or endowment fund in accordance with 240.13d-1(b)(1)(ii)(F);
- (g) A parent holding company or control person in accordance with 240.13d-1(b)(1)(ii)(G);
- (h) A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act

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(12 U.S.C. 1813);

- (i) A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
- (j) A non-U.S. institution in accordance with 240.13d-1(b)(1)(ii)(J);
- (k) Group, in accordance with 240.13d-1(b)(1)(ii)(K). If filing as a non-U.S. institution in accordance with 240.13d-1(b)(1)(ii)(J), please specify the type of institution:

If this statement is filed pursuant to Rule 13d-1(c) check this box: [X]

ITEM
4.

OWNERSHIP:

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

(a) Amount beneficially owned:

3,573,200

(b) Percent of class:

8.36%

(c) Number of shares as to which the person has:

(i) Sole power to vote or to direct the vote:

3,573,200

(ii) Shared power to vote or to direct the vote:

0

(iii) Sole power to dispose or to direct the disposition of:

3,573,200

(iv) Shared power to dispose or to direct the disposition of:

0

ITEM 5. OWNERSHIP OF
FIVE PERCENT OR
LESS OF A CLASS:

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following [].

ITEM 6. OWNERSHIP OF
MORE THAN FIVE
PERCENT ON
BEHALF OF
ANOTHER

PERSON:

SAM Sustainable
Asset Management
AG is filing this
Schedule 13G in its
capacity as
investment adviser
with discretionary
authority with respect
to various advisory
clients. No individual
advisory client is
known to have
beneficial ownership
of 5% of the
outstanding shares of
Canadian Solar Inc.

IDENTIFICATION
AND
CLASSIFICATION
OF THE
SUBSIDIARY

ITEM 7. WHICH ACQUIRED
THE SECURITY
BEING REPORTED
ON BY THE
PARENT HOLDING
COMPANY:

N/A

IDENTIFICATION
AND
CLASSIFICATION
OF MEMBERS OF
THE GROUP:

ITEM 8.

N/A

NOTICE OF
DISSOLUTION OF
GROUP:

ITEM 9.

N/A

ITEM 10. CERTIFICATION:

By signing below I
certify that, to the
best of my knowledge
and belief, the
securities referred to
above were not
acquired and are not

held for the purpose
of or with the effect
of changing or
influencing the
control of the issuer
of the securities and
were not acquired and
are not held in
connection with or as
a participant in any
transaction having
that purpose or effect.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

February 11, 2011

Date

SAM Sustainable Asset Management AG

/s/ Christian Hasler

Signature

Christian Hasler, Head Legal & Compliance

Name/Title

Attention: Intentional misstatements or omissions of fact constitute Federal criminal violations (see 18 U.S.C. 1001).