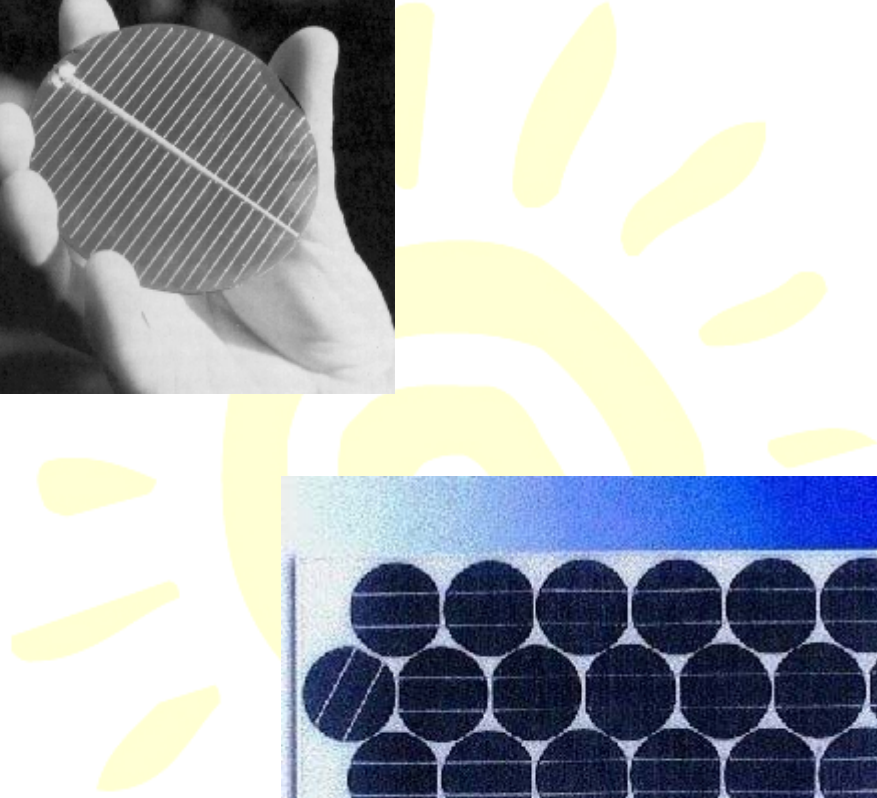
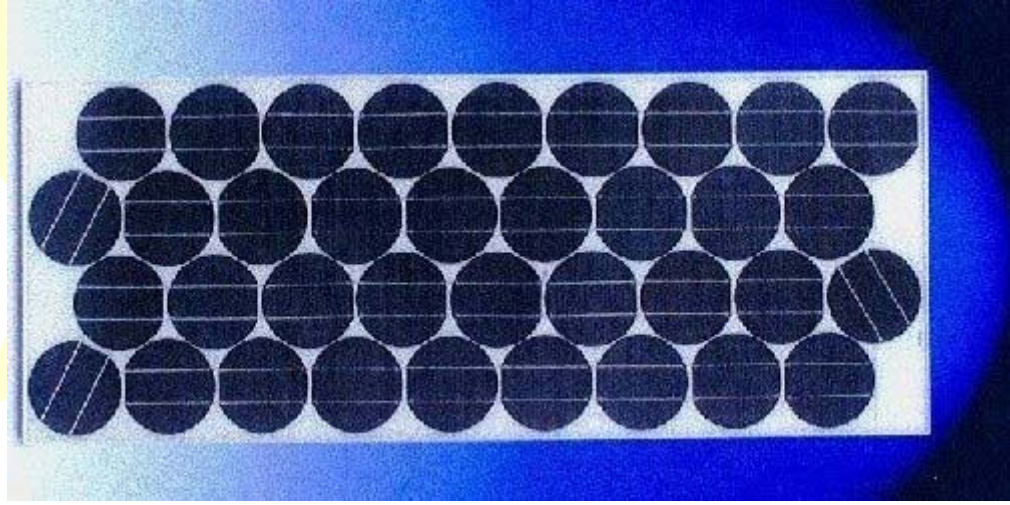
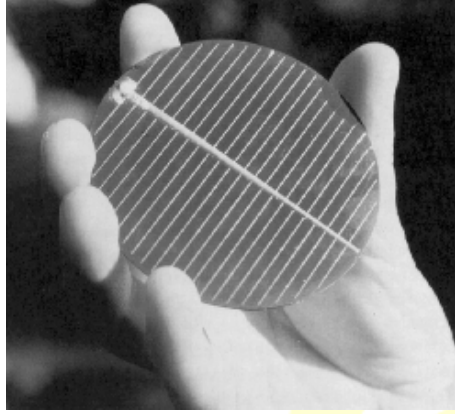




midsummer





# Kort om Midsummer

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- Grundat 2004 av personer med bakgrund från CD-, TFT-LCD och halvledarindustrin
- Världsledande forskning inom massproduktion av tunnfilmssolceller
- Koordinatorer för både EU-projekt och svenska forskningsprojekt
  - 2005 Koordinator för EU-konsortiet HIGHSPEEDCIGS
  - 2006 Koordinator för HIPROSOL, massproduktion av Cd-fria solceller med CD-tillverkningsutrustning
- Två lyckosamma investeringsrundor genomförda
  - Motfinansiering till EU-projektet i 2005
  - Investering i utrustning för pilotproduktion 2007
- Pilotproduktion av solceller planeras att starta i början på 2008.

# En idé, inga pengar

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midsommer



# EU utvärdering



midsummer

## Evaluation :

<b>1.Relevance</b> ( <i>Threshold 3 /5 ; Weight 1</i> )	<i>Mark :</i>
The proposal aims at adapting manufacturing process from the optical disk sector to the production of CIGs thin film cells in order to develop a pilot production line up to 4,4 M Wp/y with lower costs than 0,4 €/Wp. As such this is relevant to the call.	5
<b>2.S and T excellence</b> ( <i>Threshold 4 /5 ; Weight 1</i> )	<i>Mark :</i>
Objectives are clearly stated. ST approach is well structured, including all the steps necessary for the successful implementation. Solar cell characterization process needs to be clarified.	5
<b>3.Potential impact</b> ( <i>Threshold 3 /5 ; Weight 1</i> )	<i>Mark :</i>
If this project is successful in delivering its objective, a high impact is expected. Partners skills are complementary and justify the EU dimension. This project aims to start production based on the successful results from the pilot plant.	4
<b>4.Quality of the consortium</b> ( <i>Threshold 3 /5 ; Weight 1</i> )	<i>Mark :</i>
The consortium partners are of high quality to carry out the work, have high experience and commitment. There are 3 SMEs involved in this project.	4
<b>5.Quality of the management</b> ( <i>Threshold 3 /5 ; Weight 1</i> )	<i>Mark :</i>
An excellent management approach with a clearly structured and efficient management plan. IPR and management of knowledge is very well addressed.	5
<b>6.Mobilisation of the resources</b> ( <i>Threshold 3 /5 ; Weight 1</i> )	<i>Mark :</i>
Very detailed and transparent resource planning. The task objectives of this project are well integrated between the partners. The financial plan is adequate.  Overall comment: resources are very well planned and described in a transparent manner.	5
<b>7.Overall remarks</b> ( <i>Threshold 21 /30</i> )	<i>TOTAL :</i>
The proposal aims at adapting an existing manufacturing technology to the production of CIGs thin film solar cells in order to develop a pilot production line. Partners skills are complementary and high quality and have a high European dimension. Resources are very well planned and described in a transparent manner.	28

# EU

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midsummer

- Nyttja av EU-projektet för Midsummer
  - Tillgång till riskkapital
  - Kvalitetsstämpel
  - Möjlighet att expandera fort
- Nyttja av EU-projektet för Sverige
  - Sedan EU-projektet startade har Midsummer betalat in >3.000.000 SEK i skatter och arbetsgivaravgifter till staten.



midsummer

# Idéer till förbättringar

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- Mer uppmuntran!
- Öka planeringsbidraget (100%?)
- Studier i hur en ansökan skall skrivas
- Kunskaper om redovisningsregler
- Snabbare handläggningstider

# En siffra att ta med...

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midsummer

50000 km<sup>2</sup> solceller i Sahara skulle täcka  
hela världens elproduktion!



Lite jämförande siffror:

Saharas totala areal: 8 000 000 km<sup>2</sup>

Arealen av asfalterad väg i USA: 36000 km<sup>2</sup>