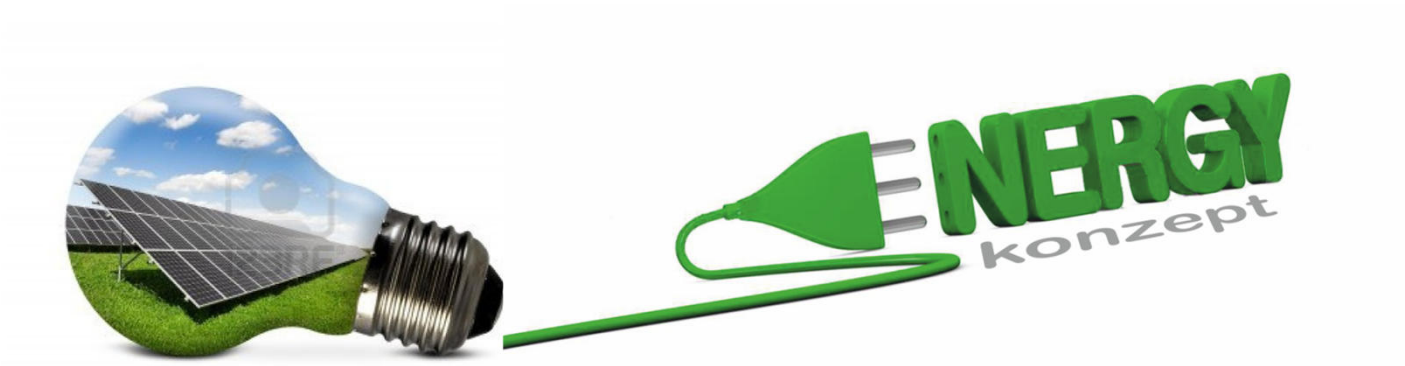




GREEN ENERGY INVEST by



Large Scale PV Fields 2015/2016

What we do, who we are



We bring it to the grid !

Our driving force



"Our objective is to supply products and services tailored to market requirements and which can ensure a sustainable energy supply. Alongside our creative innovation and longstanding industry experience, our success is based on the "single source" principle, where everything is technically and economically coordinated."

Two handwritten signatures in blue ink. The one on the left is 'Bolsenkoetter' and the one on the right is 'Dragana'.



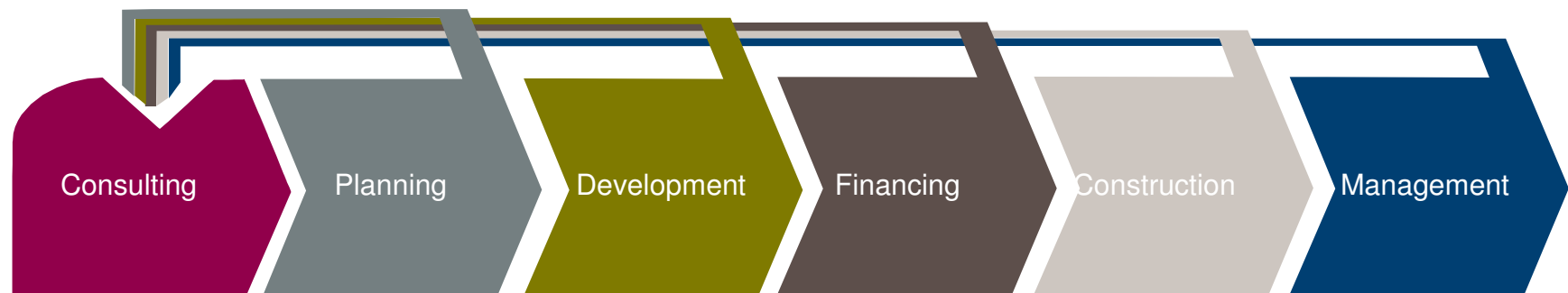
Dragana & Bodo Bolsenkoetter

CEO•s **energykonzept** by Hallertauer Leasing GmbH

Our Services



- Consulting, Acquisition & Site Selection
- Planning & Developement
- Financing & Insurance & Sales
- Engineering-Procurement-Construction (epc)
- Commercial & Technical Management
- Second Market



Track Report (extract)



Last two Year Installations:

Roof mounted

from 5 kWp to 6,3 MW:

- Naunhof 6,3 MW (2012)
- Jena 0,36 MW (2012)
- Löbnitz 0,28 MW (2012/13)
- Dachau 10 kWp (2012)
- Vierkirchen 7 kWp (2012)
- Pfaffenhofen 11,5 kWp (2014)

Ground mounted

- Seesbach 1 MW (2012)
- Möthinsdorf 5,3 MW (2013)
- Trollenhagen 3,37 MW (2014)
- Passow-Brüz 0,78 MW (2014)
- Biesenthal 1,25 MW (2014)
- Neureetz 1,25 MW (2014)
- Stapelburg 1 MW (2015)
- Wasserleben 9,2 MW (2015)
- Brumby 2 x 504 kW (2015/2016)



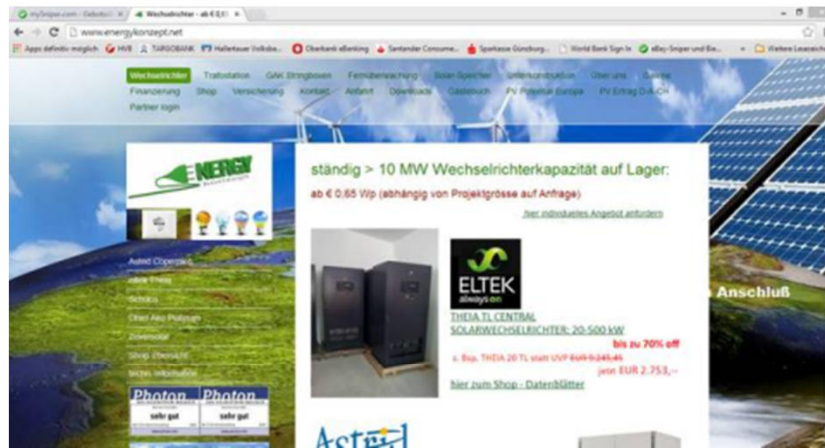
Experience of > 110 MW Installations since 2000

Other Services

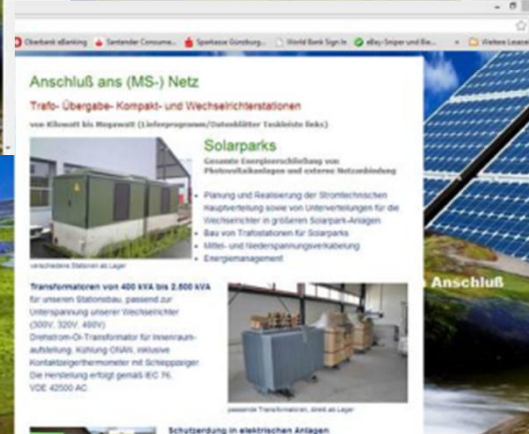
www.energykonzept.de



- Central Inverters



- Trafo-Station etc.



> 10 MW Inverter Capacity on stock

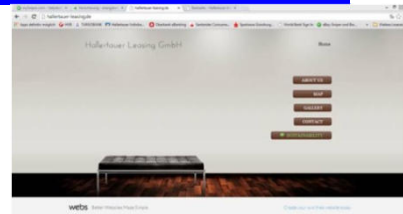
Other Services



Financial Services:

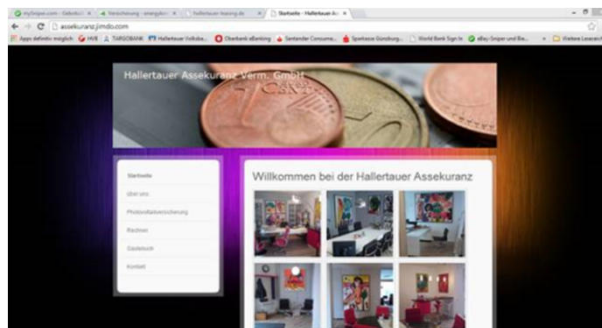
- Financing / Leasing

www.hallertauer-leasing.de



- Insurance / Bankability

www.hallertauer-assekuranz.de



Consulting:

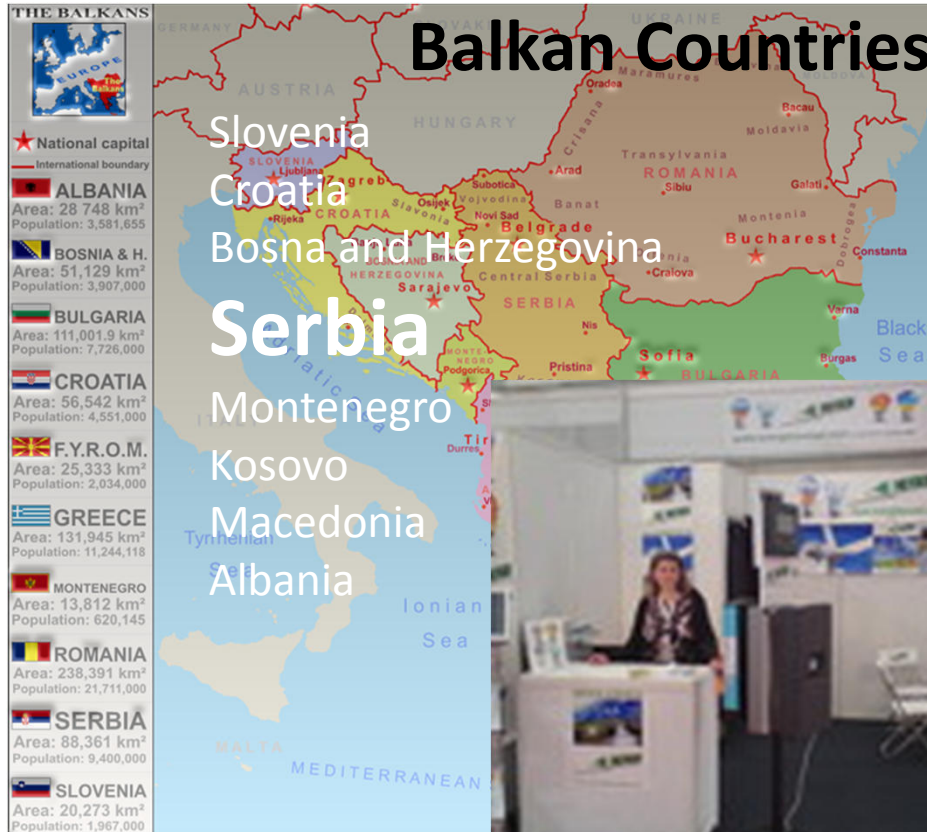
- World Bank / Afrika



- Market Reports



Other Markets



Balkan Countries

Slovenia
Croatia
Bosna and Herzegovina
Serbia
Montenegro
Kosovo
Macedonia
Albania



BALKAN FAIR ZEPS BiH 2012

UAE Tender PV



دعوة لإبداء اهتمام فيما يتعلق
بمشروع مجمع ابوظبي للطاقة الشمسية بسعة 350 ميغاواط
في منطقة سويحان في إمارة أبوظبي من خلال تكنولوجيا الطاقة الكهروضوئية

تعلن هيئة مياه وكهرباء أبوظبي ("الهيئة") عن بدء أصل المنافسة لاختيار مطور أو ائتلاف مطورين والذي سيملك بحد أقصى 40% من الشركة ذات الغرض المحدد ("الشركة") والتي سيتم تأسيسها وفقاً لقوانين إمارة أبوظبي ودولة الإمارات العربية المتحدة للاشتراك في مشروع مجمع ابوظبي للطاقة الشمسية بسعة 350 ميغاواط في منطقة سويحان بنظام المنتج المستقل من خلال تكنولوجيا الطاقة الكهروضوئية ("المشروع"). سيتم تلك الحصة المتبقية بالمشروع بشكل مباشر أو غير مباشر من قبل الهيئة.

سيساعد المشروع على دعم ما حققته إمارة أبوظبي في الاستدامة وتنوع مصادر الطاقة من خلال استخدام الطاقة المتجددة والطيفة، وذلك وفقاً لرؤية المغفور له بإذن الله الشيخ زايد بن سلطان آل نهيان مؤسس دولة الإمارات العربية المتحدة، الذي شجع على تحقيق الريادة في المجال البيئي من خلال رؤيته وإخلاقه وحكمته، والتي تستمر الآن من خلال رؤية وقيادة سمو الشيخ خليفة بن زايد آل نهيان، رئيس دولة الإمارات العربية، حاكم إمارة أبوظبي، وتوجيهات صاحب السمو الشيخ محمد بن زايد آل نهيان ولي عهد أبوظبي، نائب القائد الأعلى للقوات المسلحة الإماراتية، رئيس المجلس التنفيذي لإمارة أبوظبي، وشرف ومتابعة من حكومة إمارة أبوظبي الرشيدة.

سيشتمل المشروع على تطوير وتحويل وإنشاء وتشغيل وصيانة وتملك محطة طاقة متجددة نظيفة جديدة بسعة إنتاج طاقة 350 ميغاواط من التيار المتردد بشكل صافي (AC Net)، بالإضافة إلى البنية التحتية ذات الصلة ("المحطة"). سيكون موقع المحطة في المنطقة الشرقية من إمارة أبوظبي، بالقرب من بلدة سويحان، وعلى بعد حوالي 120 كم من مدينة أبوظبي، وبالقرب من محطة ضغط عالي حالية والتي يمتد ربط المحطة بها.

ستتم هيكلة المشروع كمشروع منتج طاقة مستقل. ستدخل الشركة في اتفاقية شراء طاقة ("اتفاقية شراء الطاقة") طويلة الأمد مع شركة أبوظبي للمياه والكهرباء ("المشترى") وهي المشتري الوحيد للكهرباء والماء المنتجة في إمارة أبوظبي، وهي شركة مسوكة من قبل الهيئة بشكل كلي. سيتم هيكلة اتفاقية شراء الطاقة بحيث يقوم المشتري بالنفع مقابل الطاقة الكهربائية التي يتم تزويدها من قبل المحطة.

إن المشروع يعتمد على سيطرة قيام الهيئة بتطوير وتنفيذ مشاريع المنتج المستقل للكهرباء (والماء) الاحدى عشر بنجاح. سيحمل المطور أو ائتلاف المطورين، الذي سيتم اختياره وفقاً لمناقشة تنسيقية، بشكل وثيق مع الهيئة والمشتري لتحضير وتنفيذ خطة التطوير وتصميم واختيار وشراء المعدات وخدمة وإنشاء وتشغيل وصيانة المشروع. لذلك من المتوقع أن يكون لدى الجهات التي ستزد على دعوة لإبداء الاهتمام هذه خبرة مسالمة في هذه المجالات.

يطلب من جميع الجهات المهتمة تقديم خطاب ابداء اهتمام في أقرب وقت ممكن وبموعد أقصاه الساعة 10:00 صباحاً بالتوقيت المحلي لمدينة أبوظبي في 13 يناير 2016 عن طريق () نمختين ورقيتين أصليتين إلى: مدير عام شركة أبوظبي للمياه والكهرباء، المكتب 203، بناية شركة أبوظبي للمياه والكهرباء، شارع الفلاح، ص.ب. 51111، أبوظبي، الإمارات العربية المتحدة (N,54°22'48.9"E°07.1'29°24) و (ب) نسخة الكترونية إلى sweihansolarpv@adwec.ae

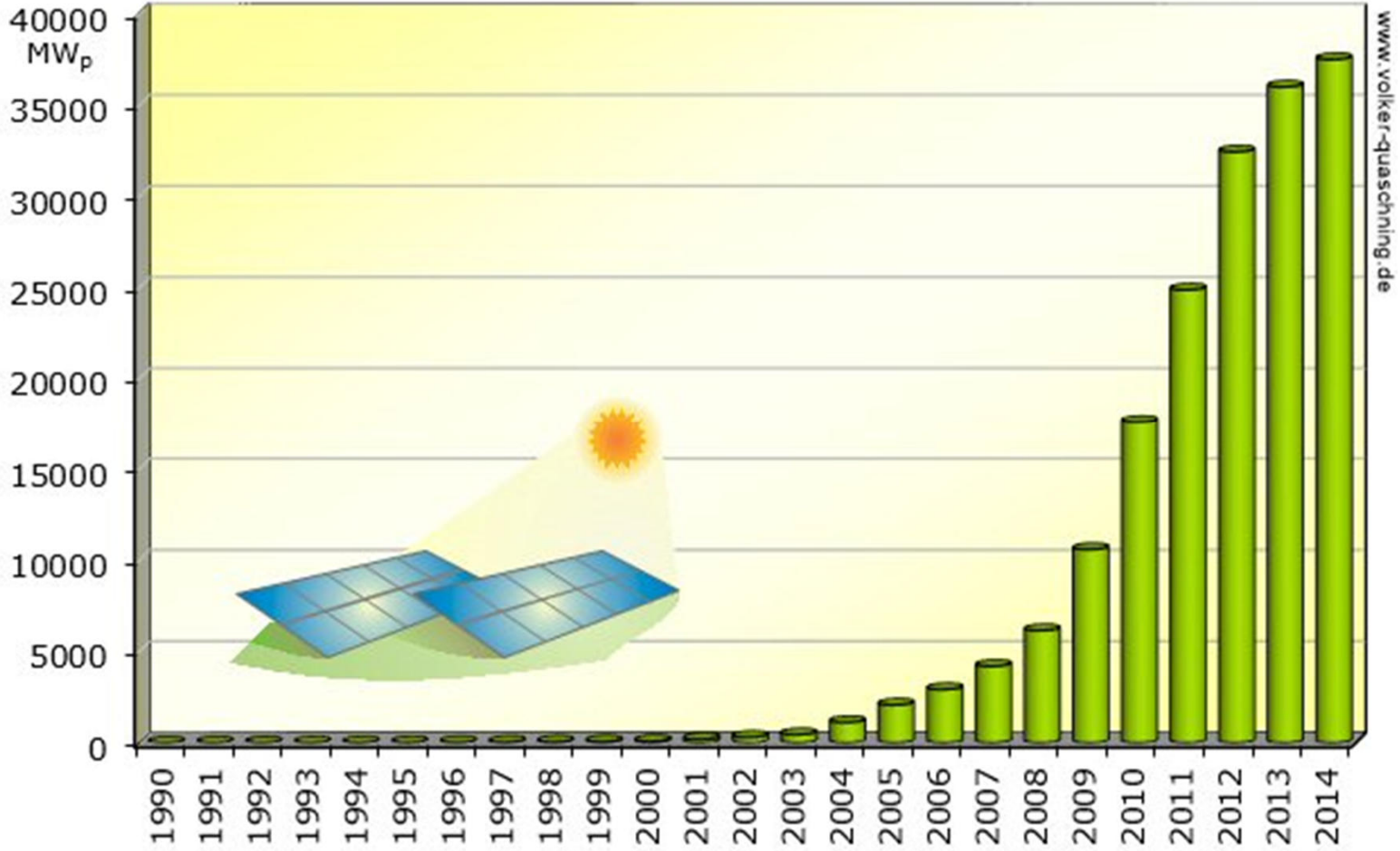
Core Market: Germany



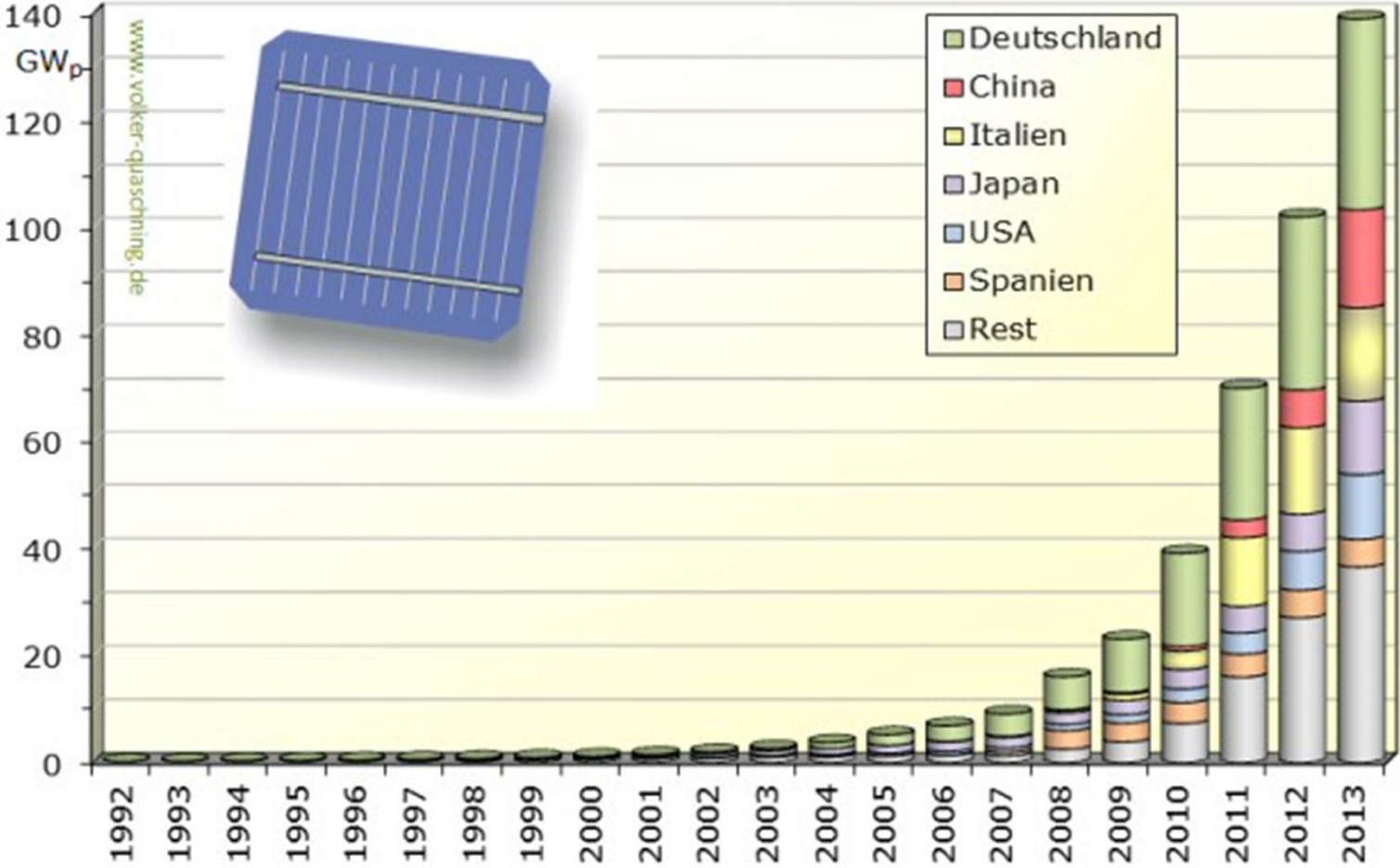
Jahr	netzge- koppelt neu	netzge- koppelt kumuliert	Insel- anlagen neu	Insel- anlagen kumuliert	Insgesamt neu	Insgesamt kumuliert
2014 ^{s)}	1 500					
2013 ^{v)}	3 300	35 943	5	65	3 305	36 008
2012 ^{v)}	7 604	32 643	5	60	7 609	32 703
2011 ^{v)}	7 485	25 039	5	55	7 490	25 094
2010	6 988	17 554	5	50	6 993	17 604
2009	4 446	10 566	5	45	4 449	10 601
2008	1 950	6 120	5	40	1 955	6 160
2007	1 271	4 170	3	35	1 274	4 205
2006	843	2 899	3	32	846	2 931
2005	951	2 056	3	29	954	2 085
2004	670	1 105	3	26	673	1 131
2003	139	435	3	23	142	458
2002	110	296	4	20	114	316
2001	110	186	3	16	113	202
2000	43,5	100	2,3	14	45,8	90
1999	13,3	58,0	2,3	11,5	15,6	69,5
1998	9,50	44,7	2,51	9,2	12,00	53,9
1997	11,00	35,2	3,00	6,7	14,00	41,9
1996	8,10	24,2	2,00	3,7	10,10	27,9
1995	4,45	16,1	0,90	1,7	5,35	17,8
1994	3,10	11,7	0,44	0,8	3,54	12,4
1993	3,21	8,5	0,07	0,3	3,28	8,9
1992	3,02	5,3	0,08	0,2	3,1	5,6
1991	0,95	2,3	0,05	0,2	1,0	2,5
1990	0,55	1,4	0,05	0,1	0,59	1,5

Installierte Photovoltaikleistung in Deutschland nach Jahren in MW

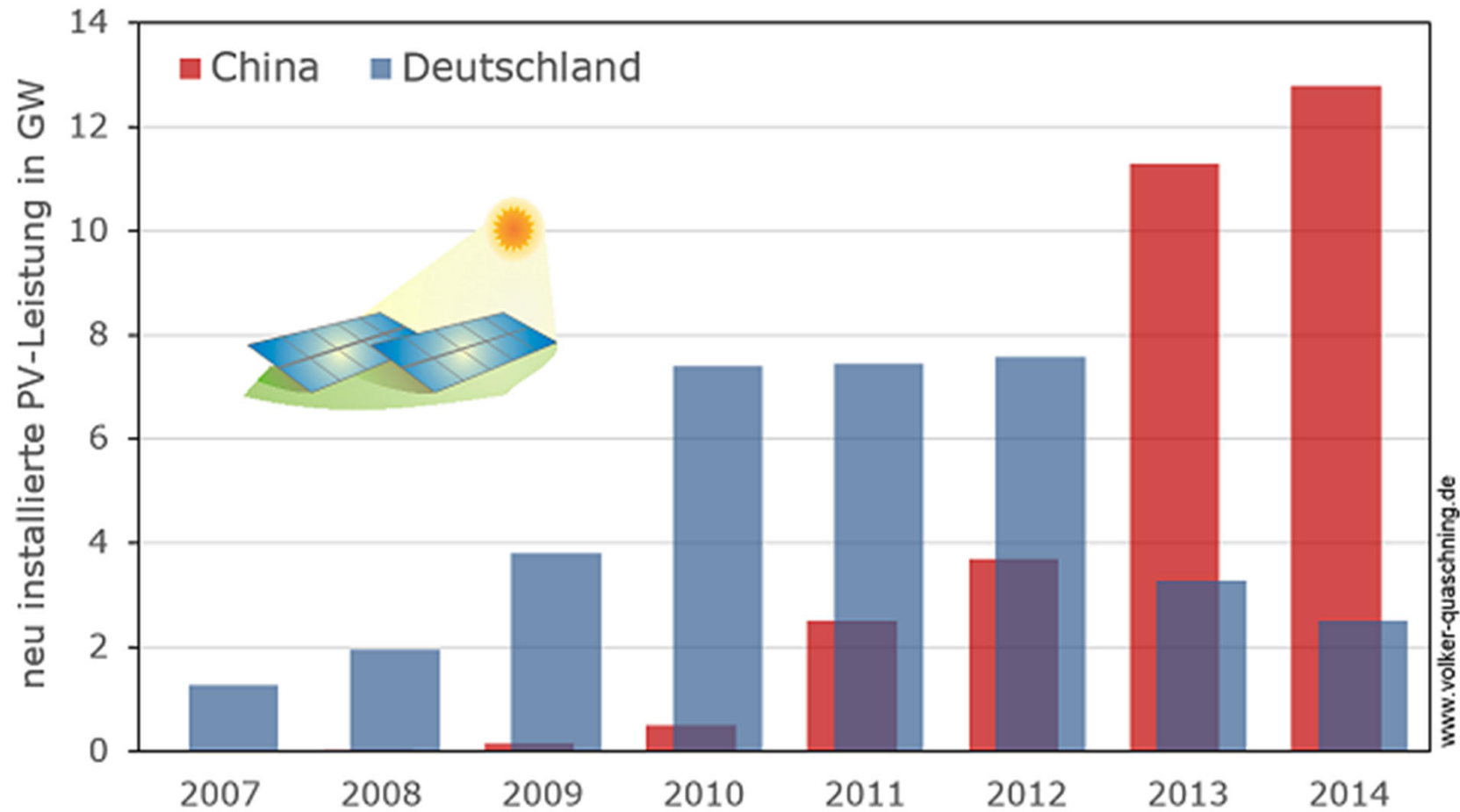
PV Installations Germany



PV Installations World



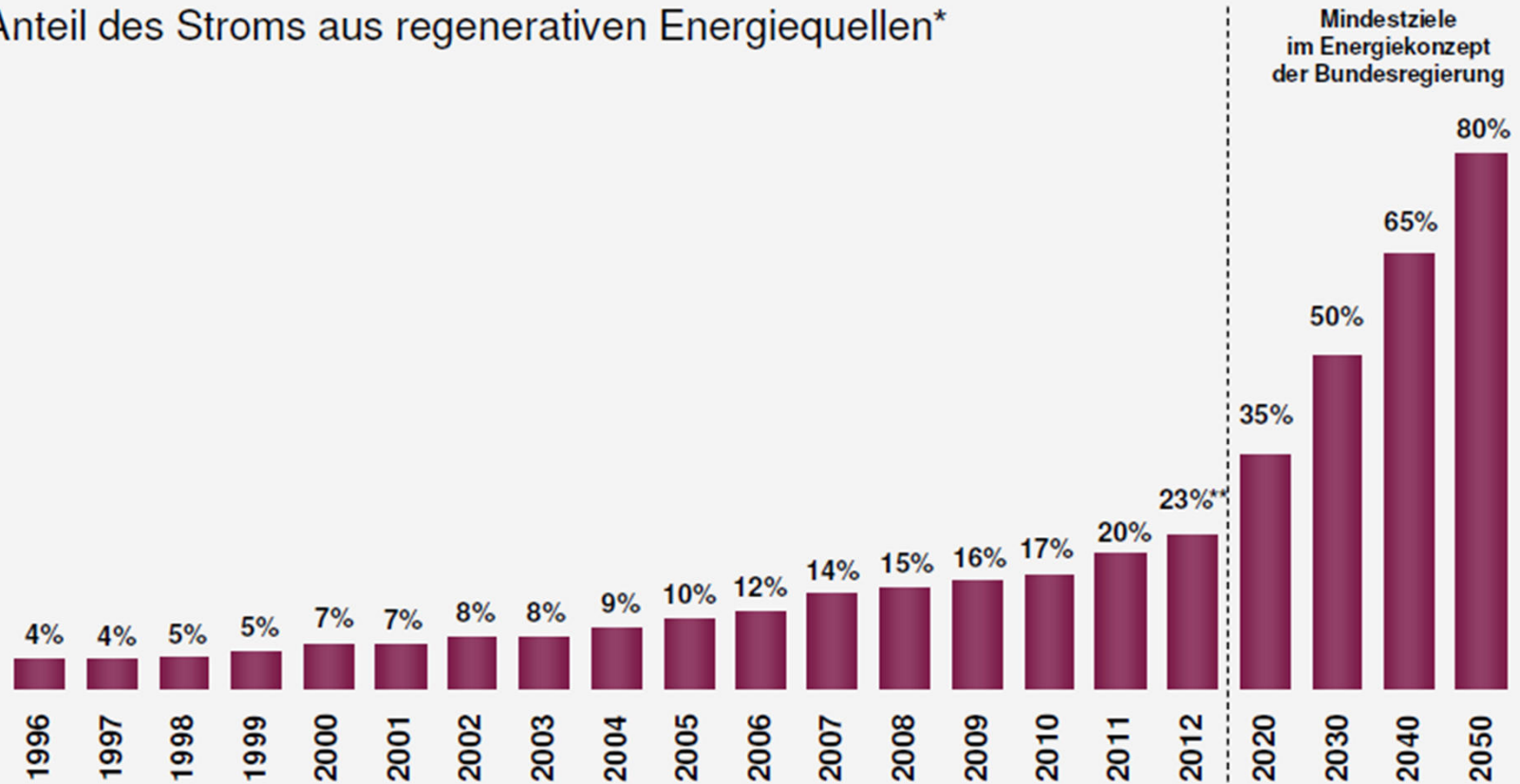
China vs. Germany



Market Potential Germany



Anteil des Stroms aus regenerativen Energiequellen*

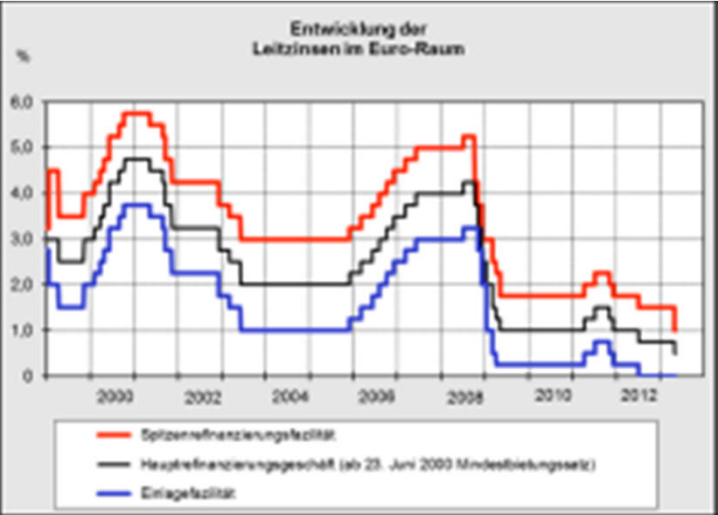
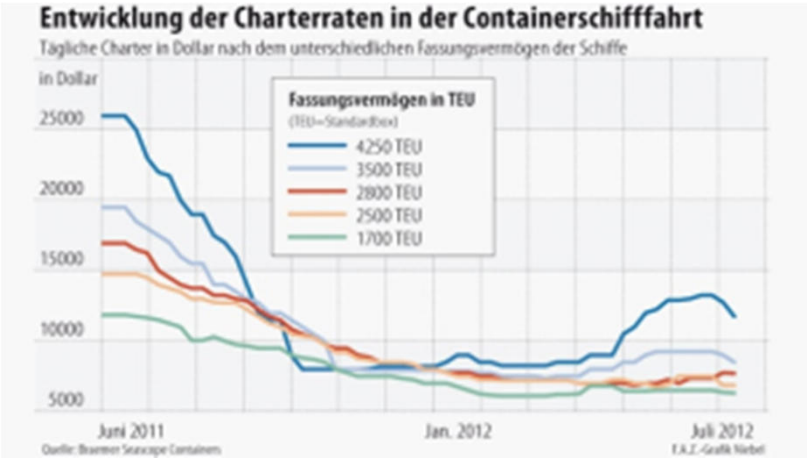


* bezogen auf den Brutto-Inlandsstromverbrauch Deutschlands

** vorläufig

Quelle: BDEW

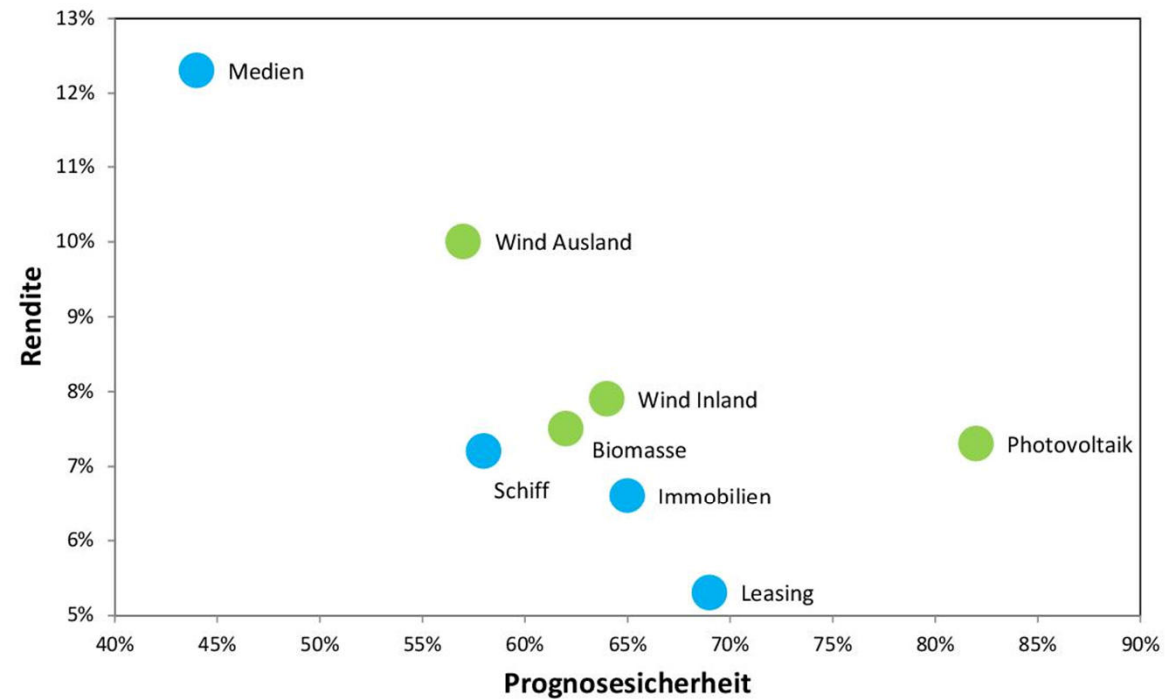
PV vs. other Investments



Why PV Investment



Übersicht Investmentsicherheit



Feed In / PPA Germany



Stand: 21.07. 2014

EEG 2014 - Erlösobergrenzen im Sinne des Marktprämienmodells*



Verfügungssätze bei Inbetriebnahme ab 1. August 2014 für Anlagen, die Erlöse aus der Direktvermarktung (verpflichtend ab 500 kWp Nennleistung) erzielen.

[Hier gelangen Sie zur Übersicht „feste Einspeisevergütungen im Überblick“](#)

Inbetriebnahme	Dachanlagen									Dachanlagen auf Nichtwohngebäuden im Außenbereich, Dachanlagen über 1 MWp bis 10 MWp und Freiflächenanlagen bis 10 MWp		
	bis 10 kWp (Ct/kWh)			über 10 kWp bis 40 kWp (Ct/kWh)**			über 40 kWp (Ct/kWh)**			3,500 MWp (0,096)	2,600 MWp (0,0596)	2,400 MWp (0,02596)
Ab 1. Apr 2013	15,92	15,30	13,47	15,30	14,83	13,23	15,30	14,83	13,23	3,500 MWp (0,096)	2,600 MWp (0,0596)	2,400 MWp (0,02596)
Ab 1. Mai 2013	15,63	15,10	13,47	15,10	14,64	13,23	15,10	14,64	13,23	3,500 MWp (0,096)	2,600 MWp (0,0596)	2,400 MWp (0,02596)
Ab 1. Jun 2013	15,35	14,83	13,47	14,83	14,45	12,99	14,83	14,45	12,99	3,500 MWp (0,096)	2,600 MWp (0,0596)	2,400 MWp (0,02596)
Ab 1. Jul 2013	15,07	14,56	13,47	14,56	14,27	12,75	14,56	14,27	12,75	3,500 MWp (0,096)	2,600 MWp (0,0596)	2,400 MWp (0,02596)
Ab 1. Aug 2013	14,80	14,30	13,47	14,30	14,04	12,52	14,30	14,04	12,52	3,500 MWp (0,096)	2,600 MWp (0,0596)	2,400 MWp (0,02596)
Ab 1. Sep 2013	14,54	14,04	13,47	14,04	13,79	12,30	14,04	13,79	12,30	3,500 MWp (0,096)	2,600 MWp (0,0596)	2,400 MWp (0,02596)
Ab 1. Okt 2013	14,27	13,79	13,47	13,79	13,54	12,09	13,79	13,54	12,09	3,500 MWp (0,096)	2,600 MWp (0,0596)	2,400 MWp (0,02596)
Ab 1. Nov 2013	14,07	13,54	13,47	13,54	13,35	11,91	13,54	13,35	11,91	3,500 MWp (0,096)	2,600 MWp (0,0596)	2,400 MWp (0,02596)
Ab 1. Dez 2013	13,88	13,35	13,47	13,35	13,17	11,74	13,35	13,17	11,74	3,500 MWp (0,096)	2,600 MWp (0,0596)	2,400 MWp (0,02596)
Ab 1. Jan 2014	13,69	13,17	13,47	13,17	12,98	11,58	13,17	12,98	11,58	3,500 MWp (0,096)	2,600 MWp (0,0596)	2,400 MWp (0,02596)
Ab 1. Feb 2014	13,55	12,98	13,47	12,98	12,85	11,46	12,98	12,85	11,46	3,500 MWp (0,096)	2,600 MWp (0,0596)	2,400 MWp (0,02596)
Ab 1. Mrz 2014	13,41	12,85	13,47	12,85	12,72	11,35	12,85	12,72	11,35	3,500 MWp (0,096)	2,600 MWp (0,0596)	2,400 MWp (0,02596)
Ab 1. Apr 2014	13,28	12,72	13,47	12,72	12,60	11,23	12,72	12,60	11,23	3,500 MWp (0,096)	2,600 MWp (0,0596)	2,400 MWp (0,02596)
Ab 1. Mai 2014	13,14	12,60	13,47	12,60	12,47	11,12	12,60	12,47	11,12	3,500 MWp (0,096)	2,600 MWp (0,0596)	2,400 MWp (0,02596)
Ab 1. Jun 2014	13,01	12,47	13,47	12,47	12,34	11,01	12,47	12,34	11,01	3,500 MWp (0,096)	2,600 MWp (0,0596)	2,400 MWp (0,02596)
Ab 1. Jul 2014	12,88	12,34	13,47	12,34	12,22	10,90	12,34	12,22	10,90	3,500 MWp (0,096)	2,600 MWp (0,0596)	2,400 MWp (0,02596)
Ab 1. Aug 2014 ¹	13,15	12,80	13,47	12,80	12,74	11,49	12,80	12,74	11,49	3,500 MWp (0,096)	2,600 MWp (0,0596)	2,400 MWp (0,02596)
Ab 1. Sep 2014 ²	13,08	12,74	13,47	12,74	12,67	11,43	12,74	12,67	11,43	3,500 MWp (0,096)	2,600 MWp (0,0596)	2,400 MWp (0,02596)
Ab 1. Okt 2014 ³	12,95	12,67	13,05	12,61	12,67	11,32	12,67	12,61	11,32	9,09	9,14	9,16
Ab 1. Nov 2014 ³	12,82	12,55	13,02	12,48	12,61	11,21	12,55	12,48	11,21	9,00	9,09	9,14
Ab 1. Dez 2014 ³	12,70	12,43	12,89	12,36	12,55	11,09	12,43	12,36	11,09	8,91	9,05	9,12

¹ Vergütungssätze ab 1. August 2014 gem. EEG 2014, §51 Abs. 2 inkl. Kompensation für Eigenverbrauchsleistung (0,3 Ct/kWh) für alle Dachanlagen ab 10 kWp bis 1 MWp und Kompensation für Managementaufwand (0,4 Ct/kWh)

² 0,15% Basisdegression im Monat September 2014 gem. § 31 Abs. 2

³ Mögliche Degression der Vergütungssätze im vierten Quartal 2014 gem. § 31 Abs. 3 und 4 in Abhängigkeit des Jahres (siehe Tabellenkopf)

* Die Tabelle wurde auf Basis des am 27.6.2014 im Bundestag verabschiedeten Gesetzesentwurfes erstellt. Für die Richtigkeit der Angaben übernimmt der BSW-Solar keine Gewähr. Rechtlich verbindlich ist nur der im Bundesanzeiger veröffentlichte Gesetztext.

** Für alle Anlagen, die ab dem 1.4.2012 bis zum 31.7.2014 in Betrieb genommen wurden, gilt ab dem 1.1.2014 die Begrenzung der maximal vergütungsfähigen PV-Stromerzeugung gemäß dem neuen „Marktintegrationsmodell“. Die Anforderungen des Marktintegrationsmodells bleiben für diese PV-Anlagen erhalten. Die Anlagen größer 10 bis einschließlich 1000 kWp erhalten für maximal 90% der erzeugten Strommenge den normalen Einspeisetarif. Das Marktintegrationsmodell gilt nur für Dachanlagen und nicht für Freiflächenanlagen.

Conclusion:

- > 8% Rendite vs. Investment possible
- the faster you are the better the return



Netzvertrieb Servicecenter Naumburg



Naumburg, 16.03.2012

Netzechnische Stellungnahme als Tagesausgabe zur Einspeisemög 06526 Sangerhausen OT Oberröblingen, Handelsweg 5, PVA, EPC 39 & Co. KG (Vorgang: 42440)

Sehr geehrte Damen und Herren,

gemäß Ihrem Auftrag vom 20.01.2012 führten wir für den Anschluss Ihrer Anlage an unser Netz eine Netzverträglichkeitsprüfung durch.

Im Ergebnis können wir Ihnen als Tagesausgabe mitteilen, dass der vorwünschte Netzverknüpfungspunkt, unser 20-kV-Kabel "20-3208" nahe H 5 bei 06526 Oberröblingen (siehe beigefügtem Lageplan) derzeit zum Ihren Vorhaben geeignet ist. Der Anschluss ist über eine neu zu errichtene Trafostation möglich.

Die Grundlagen unserer Anschlussbewertung möchten wir kurz zusammenfassen:

- Normaler Schaltzustand unseres Netzes (Beim wartungs- oder störungsbedingten Absweichen vom normalen Stand kann eine Trennung Ihrer Anlage vor)
- Anmeldeformular zum Anschluss an d 20.01.2012
- Einsatz einer Solaranlage lt. Spezifikation 15968 Stück C55A-195M, Canadian Sole 10 Stück SolarMax 300TS, SolarMax (je 7 Stück SolarMax 10MT, SolarMax (je 10 3119,61 kWp und einer Wechselrichterlei)
- Einsatz einer Solaranlage lt. Spezifikation 1 Stück SolarMax 300TS, SolarMax (je 30 2 Stück SolarMax 15MT, SolarMax (je 13 1 Stück SolarMax 300TS, SolarMax (je 50 1 2 Stück SolarMax 15MT, SolarMax (je 15 4 Stück SolarMax 100TS, SolarMax (je 10 5 Stück SolarMax 80TS, SolarMax (je 80 1 6738 Stück C55A-195M, Canadian Solar Gesamtleistung von 1314 kWp und einer I



EPC 39 GmbH & Co. KG

Eichenweg 1 06536 Burga

14.05.2013

Ergebnis der Netzverträglichkeitsprüfung Mittelspannung PV, Wasserleichen, Bahnhofsstraße, 5.012,7 kW Anlagennummer 80469

Sehr geehrte Damen und Herren,

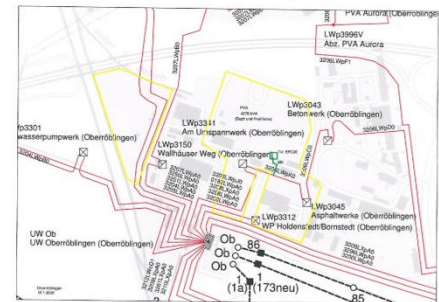
wir beziehen uns auf die von Ihnen eingereichten Unterlagen zum Bau der oben genannten Photovoltaikanlage in Wasserleichen mit einer Gesamtleistung von 5012,70 kW. Die von uns durchgeführte Netzverträglichkeitsprüfung kam zu folgendem Ergebnis:

1. Netzanschluss

Die Festlegung des geeigneten Netzanschlusspunktes erfolgt auf der Grundlage der technischen Daten des Netzes und der geplanten Erzeugungsanlage. Grundsätzlich muss bei der Ermittlung des Netzanschlusspunktes unter Beachtung der allgemein anerkannten Regeln der Technik sichergestellt werden, dass durch das Verhalten der Erzeugungsanlage an diesem Netzanschlusspunkt der sichere Netzbetrieb gewährleistet wird und unzulässige Netzrückwirkungen auf das Netz der öffentlichen Versorgung und andere Kundenanlagen ausgeschlossen werden. Sofern die Erzeugungsanlage als kontinuierlich bilanzielle Weitergabe (kW) niederspannungsschweigend, im kundeneigenen Netz angeschlossen werden soll, werden ausschließlich die Auswirkungen auf das Netz der öffentlichen Versorgung bewertet.

Aus dem Ergebnis der Netzverträglichkeitsprüfung sieht unsere Aussage ergibt:

ih des PVA Vorstand: Hilmar Schöne (Vorstandsmitglied) Frank Alperer Matthias Heizing Dr. Christian Heusing

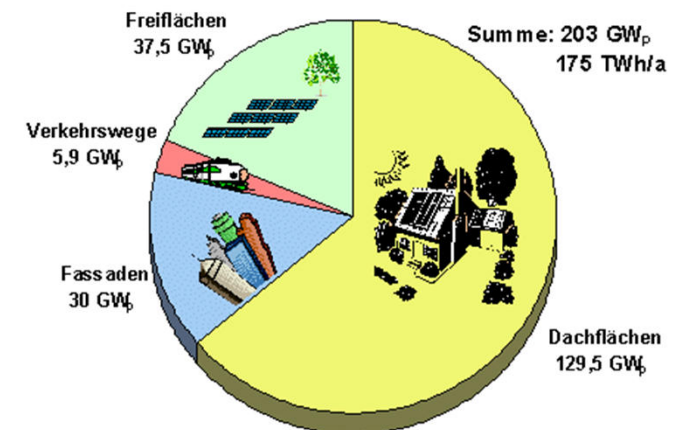


PV Germany / EU



There is still a Market for PV in Germany/EU:

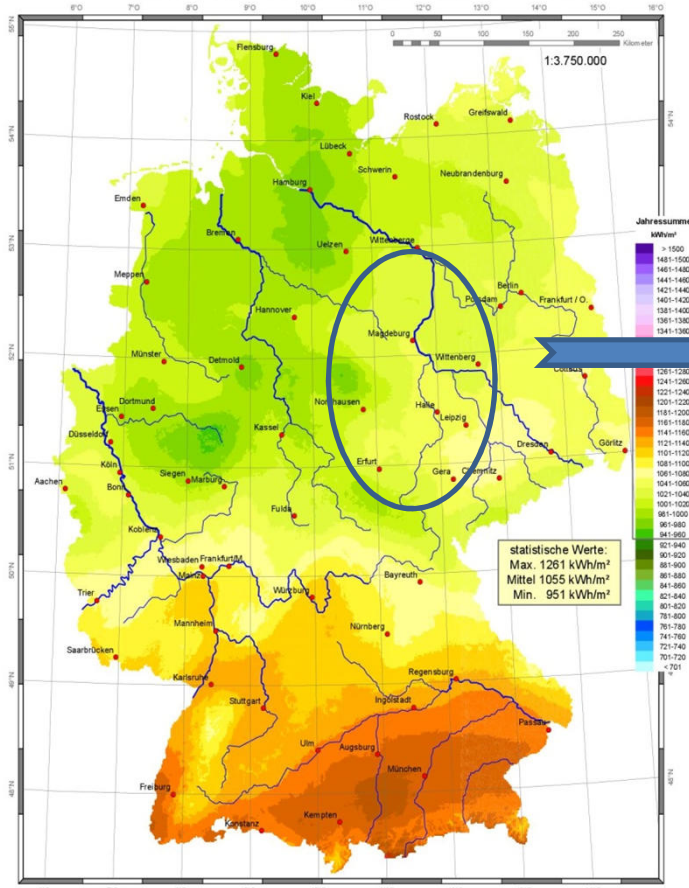
- High level of security for Investment political ,
economical & legal
- Perfect infrastructure in Germany
- **Return vs. Investment still > 8%**
- PPA secured by law EEG 2014
- PV Potential up to 45 GW



Projects Germany 2014/15

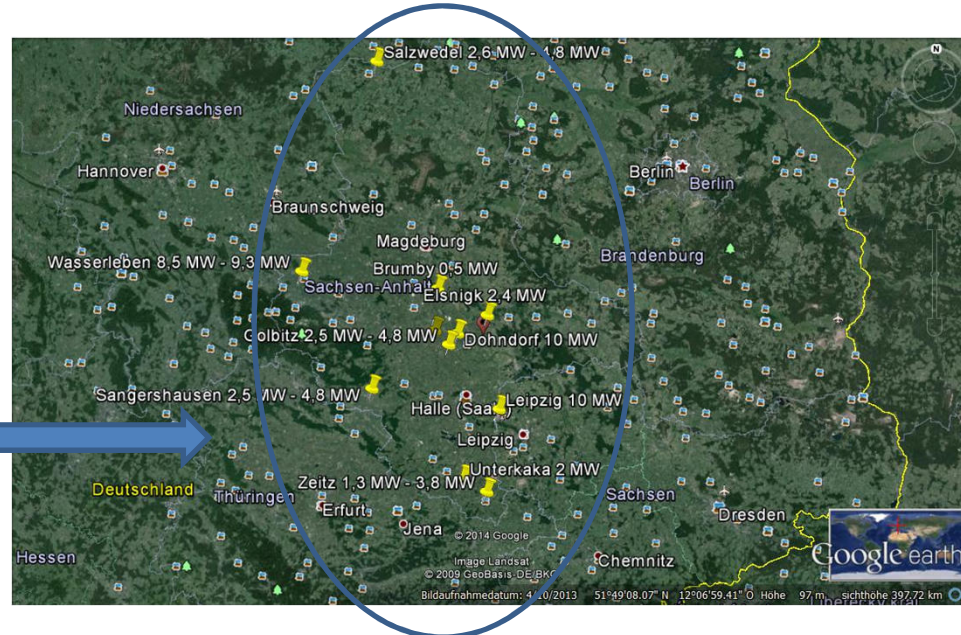


Globalstrahlung in der Bundesrepublik Deutschland
Mittlere Jahressummen, Zeitraum: 1981 - 2010



Wissenschaftliche Bearbeitung:
DWD, Abt. Klima- und Umweltberatung, Pf 30 11 90, 20304 Hamburg
Tel.: 040 / 66 90-19 22; eMail: klima.hamburg@dwd.de

Deutscher Wetterdienst
Wetter und Klima aus einer Hand



Province: Saxony-Anhalt
Radiation: +/- 1.080 kWh/m²
Grid-Operator:



Fact Sheet Brumby Sample



Fact-Sheet

Aug 14



PV-Freiflächenanlage Brumby

Place: 39240 Brumby
 Traffic Connection: BAB 14, Abfahrt Nr.8, ca. 1.350 m Industrial Zone
 Land: Thüringen
 Landkreis: Salzlandkreis
 City: Straßfurt
 EVU (Grid-Operator): Stadtwerke Straßfurt
 space: ca. 10.490 m²
 Einspeisepunkt (Grid Connection Point): next to site



1. PROJECT

Type	Ground mounted
Peak Power (kWp)	504
Annual Production according JRC EU (kWh)	523.000
FIT EEG 2014 November 2014 (€/kWh)*	0,0909 €
Annual turnover (€)	47.540,70 €
Degression in % per year	0,30%

2. PRICING (€)

EPC	587.500,00 €	(1175,00 €/kWp)
Rights incl. Rental f. 20 years	50.000,00 €	(100,00 €/kWp)
Investment	637.500,00 €	(1275,00 €/kWp)

3. Operating EXPENSES (€)

Insurance	1.013,72 €	Inter
O&M	2.500,00 €	5,00%
Rental	0,00 €	included

4. PROFABILITY

Turnover vs. Investment | **7,46%**

5. CASH (€)

year 1	44.026,98 €
year 2	43.894,90 €
year 3	43.763,21 €
year 4	43.631,92 €
year 5	43.501,03 €

6. TURNOVER (€)

20 years | **855.890,23 €**

7. FINANCING (**)

Own Capital	30,00%	191.250,00 €
Bank Loan	70,00%	446.250,00 €
Interest Rate	2,75%	12.271,88 €
Redemption	6,50%	29.006,25 €
Annual Payment	41.278,13 €	536.615,63 €
Loan amortized (in years)	13	

8. PROFIT OWN CAPITAL

20 years | **319.274,61 €**
 Turnover vs. Own Capital | **166,94%**

FEATURES

This proposal is valid for 2 weeks after publishing
 Mounting System: with pile driven foundations
 Inverters: eltek Theia Central inverters (energykonzept) Trafostation: energykonzept
 Grid Connection Point: close to site
 Modules: Poly-Crystallin

PAYMENT TERMS (to be discussed)

20% down payment
 75% with milestones (50% with start on site)
 5% with grid Connection
 or 100% LC in advance

(*) according to EEG 2014 "Marktprämienmodell"
 (**) example

CONTACT

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 Bachstr. 16, D - 86558 Hohenwart
 Phone: ++49-8443-9191360
 Fax: ++49-8443-9199985
 Mail: energykonzept@gmx.de
www.energykonzept.de



www.hallertauer-leasing.de



Photovoltaik geografisches Informationssystem

European Commission
 Joint Research Centre
 Ispra, Italy

Leistung Netzgekoppelte FV

PVGIS Schätzung der Solarenergieproduktion
 Ort: 51°53'44" Nord, 11°43'59" Ost/Höhe: 78 m ü.d.M.,
 Benutzte Sonnenstrahlungsdatenbank: PVGIS-CMSAF

Nominelle Leistung des FV-Systems: 504 kW (Kristallin Silizium)
 Geschätzter Verlust durch Reflexionseffekte: 3,0%
 Andere Verluste (Kabel, Inverter, usw.): 8,0%
 Gesamtverluste des FV-Systems: 11,8%

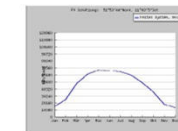
Festes System, Neigung=35 Grad, Orientierung=0 Grad					
Monat	Ed	Em	Hst	Hm	
Jan	484,00	15500	1,07	53,0	
Feb	372,00	24400	1,96	84,8	
Mär	1540,00	47800	3,16	110	
Apr	2540,00	81200	4,52	148	
Mai	2760,00	87600	5,33	165	
Juni	2000,00	46700	6,17	127	
Juli	2000,00	46300	5,17	103	
Aug	1900,00	39900	4,84	180	
Sept	1540,00	49100	3,99	190	
Ok	1160,00	36500	2,72	84,5	
Nov	580,00	17300	1,33	28,9	
Dez	418,00	13000	0,92	28,5	
Jahr	1430,00	42000	3,46	100	
Total für Jahr		520000			

Ed: Durchschnitliche tägliche Energieproduktion des Systems (kWh)
 Em: Durchschnitliche monatliche Energieproduktion mit diesem System (kWh)
 Hst: Durchschnitliche Tagessumme globaler Einstrahlung pro Quadratmeter auf den Modulen des gewählten Systems (kWh/m²)
 Hm: Durchschnitliche globale Einstrahlungsumme pro Quadratmeter auf den Modulen des Systems (kWh/m²)

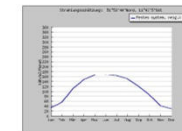


Photovoltaik geografisches Informationssystem

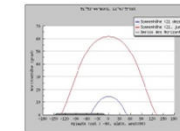
European Commission
 Joint Research Centre
 Ispra, Italy



Monatliche Energieproduktion vom festen FV-System



Monatliche Einstrahlung in fester Ebene



Verlauf des Horizonts mit Sonnenlauf für Winter und Sommer (solstium)

PVGIS (© European Commission, 2007-2012)
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<http://re.jrc.ec.europa.eu/pvgis/>

Disclaimer:

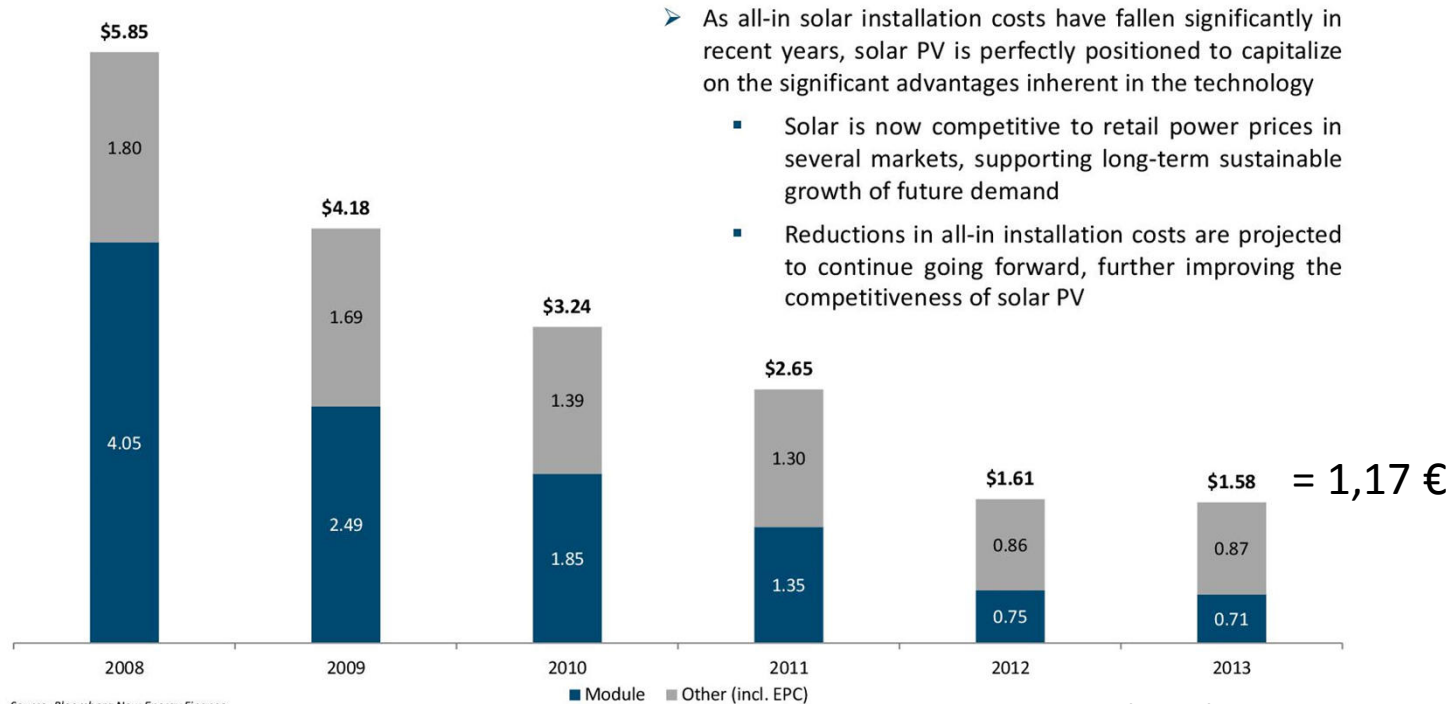
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Cost structur international



ACCELERATED DECREASE IN REQUIRED CAPEX

Evolution of Utility-Scale Solar PV Capex (USD / W)



Source: Bloomberg New Energy Finance.
 Note: Collected and triangulated from project developer and installer documents in low-value markets.

Source: Bloomberg

Modul stake 69% 59,6% 57% 50,9% 46,6% 45%

Sample Project



Before:



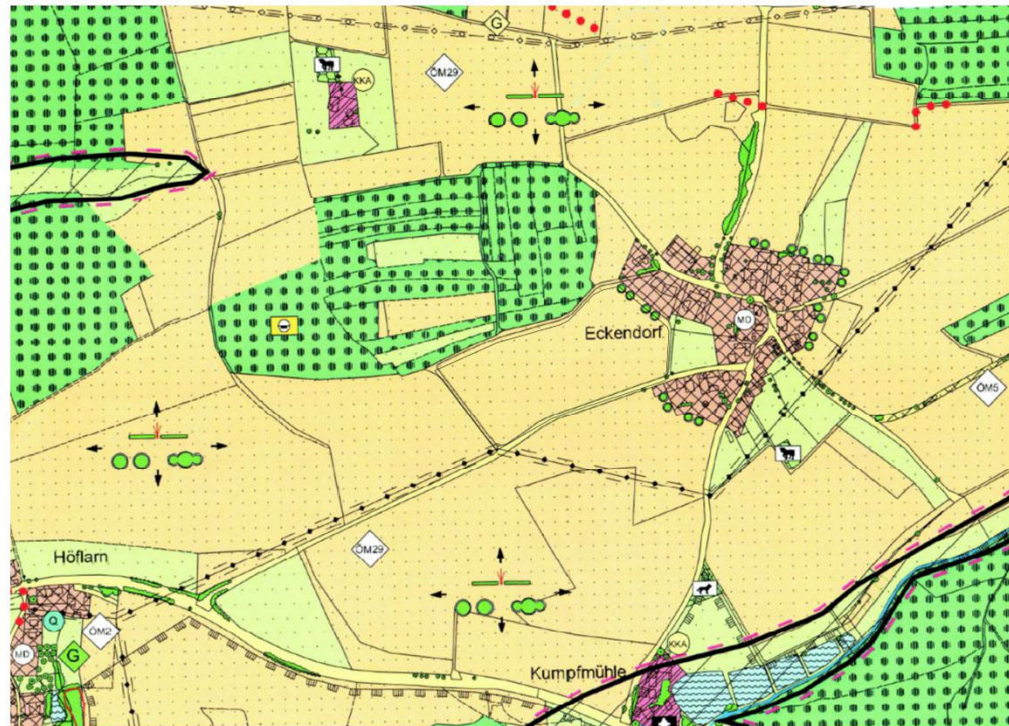
After:



Sample Project

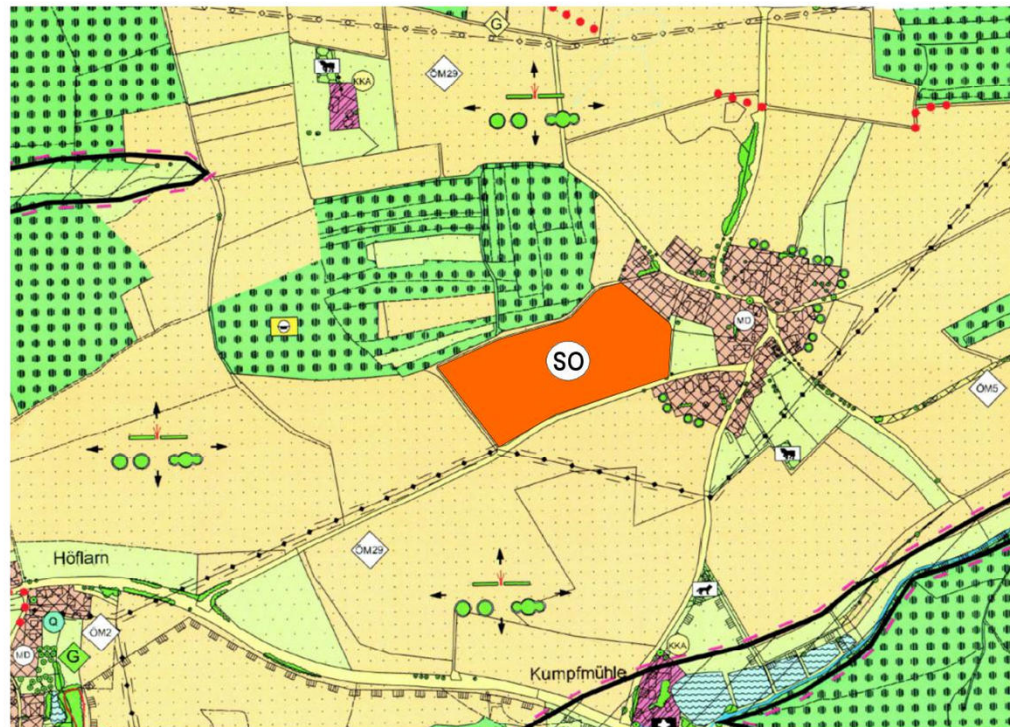


Flächennutzungsplan



Sample Project

Flächennutzungsplanänderung



Sample Project



Bebauungsplan



Sample Project



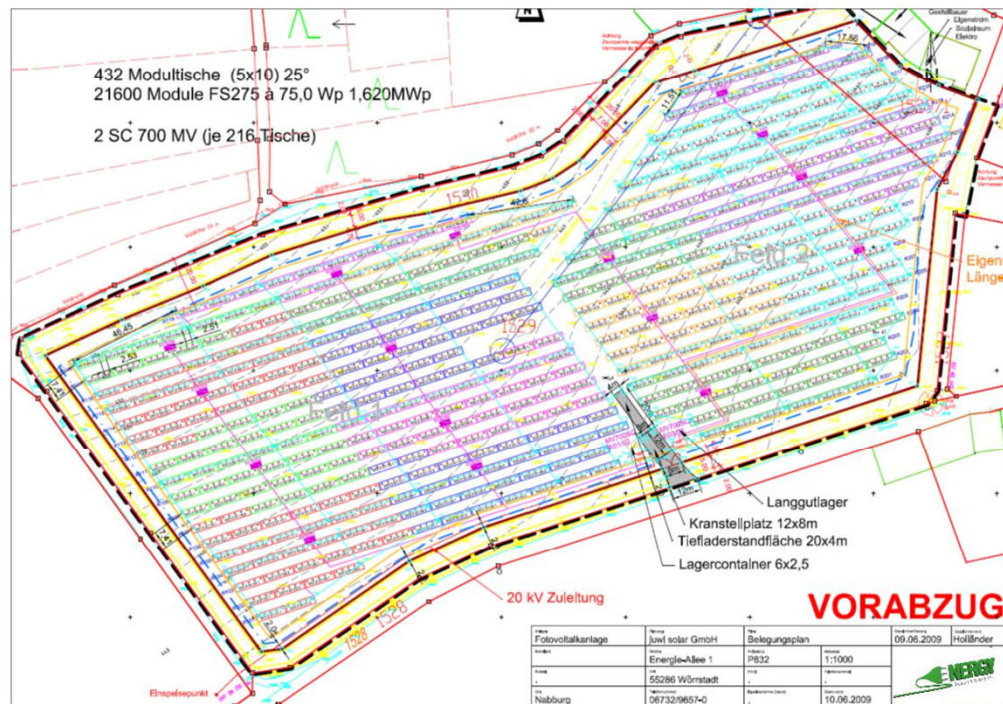
Belegungsplan



Sample Project



Belegungsplan



Sample Project



Errichtung der Baustrassen



Sample Project



Zaunbau



Sample Project



Rammung der Pfosten



Sample Project



Aufbau der Modultische



Sample Project



Kabelverlegung



Sample Project



Modulbelegung



Sample Project



Elektrischer Anschluss



Sample Project



Errichtung Wechselrichterstation / Übergabestation



Sample Project

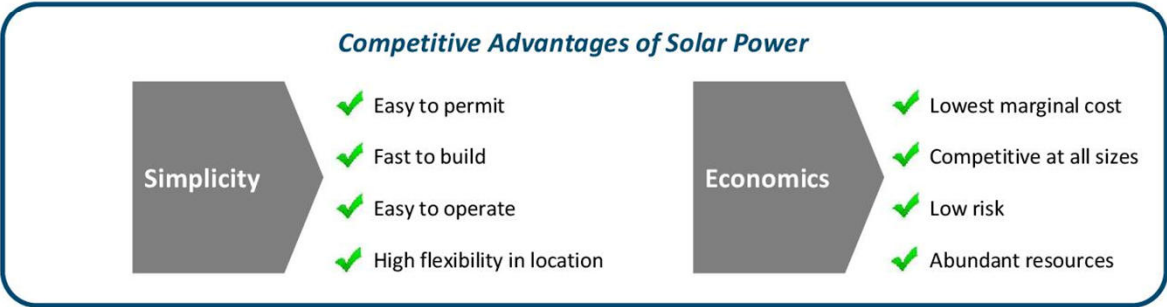


Our Target



UTILITY-SCALE SOLAR POWER GENERATION

Goal: Build, own and operate solar electricity plants at lowest kilowatt-hour (kWh) cost



Qur Partners



Future Partner?



MUTUAL CONFIDENTIALITY AGREEMENT

This agreement is entered into on 30th day of July, 2014, between (Company Name) **Hallertauer Unternehmensgruppe, Bachstr. 16, D-86558 Hohenwart, CEO Bolsenkötter Germany** ("Discloser") and Zhejiang YF Investment Management Co.,Ltd, Sunyard Business Center, Binjiang District, Hangzhou Binjiang District, Hangzhou, CN-310053, China and its related entities ("Recipient"), collectively known as "the Parties," (for purposes of this agreement each of the parties are herein collectively referred to as either "Discloser" or "Recipient(s)").

Whereas, each Recipient is receiving confidential disclosure of certain proprietary technical, business, operational, financial and/or commercial information of the other ("Information") for the purpose of exploring, establishing or furthering a business relationship (the "Transaction"), and each Recipient would not disclose the Information without the other Recipient's agreement to maintain the information in confidence. Each Recipient has developed proprietary contacts with individuals or entities that each Recipient considers confidential and that each Recipient would not disclose the Contact without the other Recipient's agreement to maintain the Contact information in confidence and unless each Recipient would agree not to contact without the other's express written consent. For purposes of this agreement, Recipients may furnish Information of its related/affiliated companies, and it is therefore intended and agreed that the terms and conditions of this agreement shall also apply to the Recipients' related/affiliated companies.

Now, therefore, each Recipient agrees as follows:

1. Recipients will not disclose, distribute, copy or use any Information, regardless of whether such information is specifically designated as confidential and regardless of whether such information is in written, oral, electronic or other form, without the prior written consent of the other party and then only to the extent specified in such consent. Information may be used only to the extent reasonably required for the purposes hereof, provided however, that Recipients may disclose the Information to those of its directors, officers, advisors and employees who need to know such Information for the purpose of evaluating the Transaction and who shall be bound by this agreement. It is understood by the Recipients that they shall not be obligated to enter into or engage in any Transaction.

2. Recipients will take reasonable care to keep the Information confidential and out of public and third-party view or access, consistent with the manner in which Recipients maintain their own confidential information, and to designate the Information as confidential or equivalent. A Recipient will authorize access to the Information to non-employees only after obtaining written consent from the other Recipient to do so, and then only to those persons who have entered into appropriate confidentiality agreements, and Recipient will ensure compliance with the terms of such agreements. Recipient may receive Information from a third-party which is also bound by a Confidentiality Agreement. In that event Recipient shall treat such information as confidential.

3. Such restrictions on use or disclosure of Information described in paragraph 1 or 2 do not extend to any item of Information which (a) is publicly known at the time of its disclosure, (b) is lawfully received by a Recipient from a third party not under a similar confidential agreement with the other Recipient, (c) is subsequently published or otherwise made known to the public by the Discloser, (d) was generated independently by the receiving Recipient, or (e) is required to be furnished by law, subpoena or court order, provided the Recipient whose Information is sought shall be given prior written notice of such legal request and reasonable time to seek a protective order or other appropriate relief with respect to such Information.

4. Each Recipient does not accept any responsibility or liability for any expenses, losses, damages, or action incurred or undertaken by the other Recipient as a result of the receipt of the

Information. Each person who has signed this agreement represents that he/she has the authority and is empowered to sign and deliver this agreement on behalf of the Recipient that he/she represents.

5. During the term of this Agreement, Recipient will not intentionally circumvent avoid bypass, or obviate the Discloser, directly or indirectly, with regard to Discloser's customers, suppliers, vendors employees, or prospective employees, consultants, and investors ("Contact"). Recipient hereby irrevocably agrees not to circumvent this transaction or contemplated transaction with any corporation, partnership or individual introduced by Discloser to Recipient, in connection with any project, product, manufacturing process, investment, loans or collateral, or other transaction involving any products, transfers or services, or addition, renewal extension, rollover, amendment, renegotiations, new contracts, parallel contracts/agreements, or third party assignments thereof.

6. Each Recipient acknowledges that a violation of this agreement would cause irreparable harm to other Recipient for which no adequate remedy at law exists and each Recipient therefore agrees that, in addition to any other remedies available, both Recipients will be entitled to injunctive relief to enforce the terms of this agreement. In the event a dispute arises under this agreement, the prevailing Recipient shall be entitled to reasonable attorney fees and costs in addition to all other remedies available to the prevailing Recipient under this agreement, at law or otherwise.

7. Upon demand, each Recipient will return any written Information and all physical media on which Information was received from the Discloser, including any copies thereof, with a letter confirming that the Information has in no way been reproduced or copied or that all copies have been returned and that none of the Information was furnished to anyone except in accordance with this agreement.

9. This agreement will be binding on Recipients and Recipients' successors and assigns, and will be construed and enforced in accordance with the laws of Germany. The obligations of this agreement expire five (5) years from the date of the last Information exchange. This agreement may not be amended, nor any obligation waived, except by a writing signed by both Recipients. This agreement may be executed in one or more counterparts with the same force and effect as if each of the signatories had signed the same instrument.

AGREED TO:

Zhejiang YF Investment Management Co.,Ltd

By: President, Mr. Ma, Yue

A handwritten signature in black ink, appearing to be 'Ma Yue', written over a horizontal line.

AGREED TO:

HALLERTAUER UNTERNEHMENSGRUPPE

By: President, Mr Bolsenkötter

A handwritten signature in black ink, appearing to be 'Bolsenkötter', written over a horizontal line.

What is next Step?



End



Thank you for your attention!

Mob. 0171-7087518

Dragana & Bodo Bolsenkötter

CEO energykonzept

By Hallertauer Leasing GmbH



www.energykonzept.de

energykonzept@gmx.de

