05/11/2020

Changes on the Executive Board

Effective July 1, 2020, Karlheinz Wex (Spokesman) and Dr. Wolfgang Köck will represent the Executive Board of Plansee Holding AG. Bernhard Schretter has decided to retire.

Read more

04/08/2020

Webinar: Refractory metals and their applications
From 12 May to 14 May 2020, the German materials science association DGM will be holding a webinar entitled “Introduction to metallic high-temperature materials”. One of the topics covered will be the special properties and applications of refractory metals from Plansee.

Read more

03/06/2020

Plansee Japan celebrated the grand opening of the new production hall

On February 28th, Plansee Japan celebrated the grand opening of the new 5,000 sqm big production hall that marks another milestone in the 30 years successful development of manufacturing in Esashi.

Read more

12/03/2019
Anniversary celebration: Thanks to long-standing employees

The “older” ones among the staff present will be familiar with the story: Sometimes there is talk of new records at Plansee and Ceratizit’s traditional long-service celebration. And at other times, such as this year, it is more about business slowing down.

Read more

11/22/2019

When self-produced hydrogen explodes

450 pupils and teachers were given fascinating insights into the apprenticeship trades at Plansee and Ceratizit during a factory tour as part of the open day on the 15th of November 2019.

Read more
10/30/2019

3% online discount on Shop orders

Our customers now benefit from 3% discount* on online purchases of semi-finished and standard products made of molybdenum, tungsten, tantalum and their alloys online.

Read more

10/02/2019

Pressing and sintering under one roof

There are two key production steps at Plansee: Fine metal powder is first pressed and then sintered at high temperature. Plansee is now investing heavily in making production even more efficient. The ground-breaking ceremony for the new building took place in mid-September.

Read more
09/23/2019

Plansee in the thin film industry

Molybdenum and tungsten are two extraordinary metals that make a significant contribution to our modern lives today. We are in constant contact with these two materials without even being aware of it.

Read more

09/24/2019

Groundbreaking ceremony for new training center

A groundbreaking ceremony heralded the start of construction for the new Plansee Group training center in Breitenwang/Reutte. In future, the center will provide 3,000 square meters of space to allow up to 240 young people to receive training in a variety of metalworking professions. Plansee is investing six million euros in the two-story building.

Read more
09/18/2019

41 new apprentices at Plansee and Ceratizit

This year, 41 young people started their vocational training at Plansee and Ceratizit with a mixture of considerable anticipation and a little nervousness. The future employees were welcomed by the entire Plansee Group training team headed up by Christoph Willmann and school principal Bruno Dengg.

Read more

09/09/2019

Plansee USA celebrates 80 years of business

In September this year, Plansee USA LLC celebrates the company’s 80 year anniversary.

Read more
Plansee presents Sputter targes at Touch Taiwan

At the end of August the experts for displays and thin films will meet at the Touch Panel and Optical Film Exhibition in Taiwan. Plansee will also be exhibiting its sputtering targets for flat screens, touch screens and smart glasses.

Read more

Flexible, sharper, more efficient – trends in the international flat panel display industry

Tyrol hosts leading experts and researchers: Some 32 participants met up for two days at Plansee in Reutte this year for the working group meeting of the German Flat Panel Forum (DFF). The current challenges and trends in the international flat panel display industry were discussed.

Read more
07/22/2019

Digital Days 2019: Enthusiastic participants present their projects

Successful chain reaction: Red balloon bursts a planned

Read more

07/04/2019

Plansee Group continues to grow

277 million euro investment in the future

Read more

06/07/2019
Meet us at GIFA 2019

The 14th international trade fair for foundry technology will be held in Düsseldorf, Germany, between the 25th and 29th of June. Plansee will again be exhibiting this year.

Read more

05/09/2019

Plansee patents internal coating for monolithic rotary targets

Monolithic rotary targets offer advantages over bonded targets: greater material utilization and higher power density. Plansee has now patented an internal protective layer that ensures that coating material no longer comes into direct contact with the system’s cooling water.

Read more
04/12/2019

Start of the plant extension in Reutte

Since early April 2019, excavators have been rolling across the site in the new Kreckelmoos industrial park near Reutte where Ceratizit is building a new grinding and tool & die factory.

Read more

03/29/2019

Companies for Families

The Plansee Group is now a partner of the Austrian network "Companies for Families", with the aim of family-friendly work policies.

Read more

03/28/2019
Networking meeting at Plansee and Ceratizit

"Digitalization of core processes"

Read more

03/25/2019

New Plansee Managing Director in Lechbruck

From a metropolis of millions to the tranquil Allgäu region

Read more

03/21/2019
Numerous applications for Digital Days 2019

Summer break program: Tremendous interest in technology and digitalization

Read more

03/14/2019

2,000 patents worldwide: Plansee Group Inventors Day

In the last fiscal year, the Plansee Group increased its number of patents yet again and now holds more than 2,000 patents worldwide—a new record.

Read more

02/28/2019
Recycling of carbide tools

Ceratizit acquires 50 percent stake in Stadler Metalle.

Read more

02/07/2019

Digital Days held for the second time

"Let modern technology inspire you" – this is the motto for the second Digital Days at Plansee this summer. Students aged 12 to 14 can now apply for the one-week summer vacation program at www.digital-days.at.

Read more

02/01/2019
Plansee is expanding its product range in the online shop

Available with just one click: customers can now order SPARKAL® EDM electrodes, which are used in spark erosion, fast and easy online.

Read more

01/16/2019

X-Ray Technology - Plansee presents product portfolio

Based on decades of experience Plansee develops and produces a broad range of X-Ray technology products for imaging X-Ray applications. These products are manufactured under highest precision, get continuously developed and optimized.

Read more

12/19/2018
Plansee Powertech AG in Seon, Switzerland, recently held the opening ceremony of a newly constructed facility. Attendees included the Chief of Government Dr. Urs Hofmann and other representatives of the Aargau Department of Economic and Interior Affairs.

Read more

12/19/2018

Austrian Skills 2018: Successful participation

From November 22rd to 25th 2018 the Austrian Skills Championships for young skilled workers took place in Salzburg.

Read more

12/14/2018
Hard Coating Seminar in China

At the end of November the Plansee Hard Coating Technical Seminar took place in Shanghai, China.

Read more

12/12/2018

Plansee Tungsten Alloys: Best Master Thesis in Metallurgy

On November 21st a ceremony for awarding the Pierre Veyssiere Medal took place at the Material Science International Conference (Matériaux 2018) in Strasbourg.

Read more

12/07/2018
Plansee at the National Foundry Conclave in India

At the end of November the ninth National Foundry Conclave took place in Coimbatore. Johannes Schröder from Plansee Composite Materials presented the advantages of Plansee tungsten alloys in the aluminium foundry.

Read more

11/30/2018

Success as result of clear focus in our work

"We were able to set a whole series of records," said Bernhard Schretter of the Executive Board of the Plansee Group in his welcoming address at the annual long-service anniversary celebration.

Read more

11/21/2018
New digitization ideas

Plansee acquires interest in start-up fund

Read more

11/02/2018

From Reutte to Shanghai

The Executive Board of the Plansee Group presented the Group Pin to Christine Toufar. The Pin is awarded when an employee of the Plansee Group transfers into another division, works there for a minimum of two years, and makes the new location his or her primary place of residence.

Read more

10/19/2018
Marc Ungeheuer, Ambassador of the Grand Duchy of Luxembourg in Vienna, visits the Plansee Group at October 16th 2018

Read more

09/24/2018

Plansee Lead Sponsor at the conference in Greifswald

Meet us at the “28th International Symposium on Discharges and Electrical Insulation in Vacuum” from 23rd until 28th of September 2018.

Read more

09/21/2018
Plansee at the EuMW in Madrid for the first time

Visit us in Madrid from 23rd to 28th September 2018.

Read more

09/10/2018

43 new faces: Apprentices welcoming event at Plansee and Ceratizit

The apprentices welcoming event provided the opportunity for the training team at Plansee and Ceratizit to greet 43 new apprentices – more than ever before. A good third of them are young women. This means that Plansee is currently training a total of 159 apprentices in six different professions. Twelve of these are external apprentices attending vocational school.

Read more
Plansee presents an expanded product portfolio at the Touch Taiwan

From all over the world, experts for displays come together at the Touch Panel and Optical Film Exhibition in Taiwan at the end of August. Plansee will also be participating again this year and presents a new booth concept. In addition to rotary and planar targets used for PVD coating, the focus this year is on MOCVD equipment for LED production and products for energy generation and storage.

Read more

Awards for Plansee India

Recently our location in India received two awards for its export performance.

Read more
07/25/2018

Real enthusiasm: Successful premiere of the Plansee Digital Days

15-18 year-olds spend a week exploring the top trends in digital technologies.

Read more

07/16/2018

40 years: Plansee Japan celebrates company anniversary

The anniversary was formally celebrated together with customers, business partners and staff.

Read more

07/06/2018
Boride targets for improved coating materials

In conjunction with Oerlikon Surface Solutions AG and the Institute of Materials Science and Technology at the Vienna University of Technology, Plansee Composite Materials GmbH is carrying out research into improved coating materials at one of the Christian Doppler Laboratories.

Read more

07/05/2018

Increase in market share: Plansee Group increases sales by 11 percent

In the 2017/18 fiscal year ending on 2/28/2018, the Plansee Group achieved consolidated sales of 1.3 billion euros. This marks an eleven percent year-over-year increase (1.17 billion euros).

Read more
Our longest sputtering targets to date

Plansee sputtering targets are now available in even longer sizes: in glass formats of Gen 10.5 and Gen 11. Our sputtering targets are a huge 3.4 meters in length and can, of course, be supplied across the globe in the quality you have come to expect from Plansee.

Read more

Oxidation-resistant, easily etched Mo-Ti-Al films

In a collaborative effort with the University of Leoben, new Mo-Ti-Al films have been developed that are both oxidation-resistant and easily etched.

Read more
Our Plansee Online Shop has become even better

To further increase customer service, we have made numerous improvements to our online shop.

Read more

04/16/2018

Meet us at ICMCTF 2018 in San Diego

The International Conference on Metallurgical Coatings and Thin Films (ICMCTF) is the premier international conference on thin-film deposition, characterization, and advanced surface engineering. This year Plansee will be again exhibiting and presenting the newest products.

Read more

04/05/2018
Awarded: Supplier Award of On Semiconductor

Plansee awarded for a good, reliable cooperation in 2017.

Read more

03/19/2018

Plansee India celebrates its 30th anniversary with a big family day

Plansee started its activities in India 30 years ago - a success story.

Read more

03/14/2018
Latest findings on the fracture toughness of Ti-Si-N thin films

Tests in the Christian-Doppler-Laboratory at the Vienna University of Technology investigated the fracture toughness of Ti-Si-N coatings, produced using special Ti-TiSi2 targets from Plansee Composite Materials GmbH.

Read more

03/02/2018

Use of molybdenum makes Ti-Al-N coated tools even more wear resistant.

Laboratory tests carried out at the Vienna University of Technology to develop new PVD coatings for wear protection applications prove that Mo-alloys significantly reduce wear during machining.

Read more
01/25/2018

Tungsten: Reliable supply of the high performance material at a stable price

Through our procurement strategy, we offer our customers a reliable supply coupled with price stability.

Read more

01/22/2018

Meet us at the Semicon Korea in Seoul

From January 31th to February 2nd 2018

Read more

01/12/2018
Vacuum and thin-film technology: Lecture in Regensburg

Between the 26th and 27th of February 2018, the Haus der Technik (HDT) will be hosting a series of lectures and discussions in Regensburg, giving professionals the opportunity to exchange ideas. And Plansee will also be there.

Read more

11/24/2017

Read the last publication in the series of free papers from the 19th Plansee Seminar

Ti-Al-N/Mo-Si-B multilayers: An architectural design for high temperature oxidation resistant hard coatings

Ti-Al-N/Mo-Si-B multilayers are highly temperature and oxidation resistant and are therefore an excellent coating for mechanical engineering parts.

Read more
The impact of reduction conditions on molybdenum morphology

Do different reduction conditions influence the morphology of molybdenum powder? Which role are temperature, dew point, hydrogen content and the flow rate of reduction gas playin in this process?

Read more

Rotary friction welding of molybdenum components

Inertia rotary friction welding is an established industrial process for joining small TZM components. Now this process was used to weld tubular components of pure molybdenum.

Read more
11/21/2017

Non-destructive measurement of the tungsten content in the binder phase of tungsten heavy alloys

Measurement of the magnetic properties is well-established to non-destructively monitor composition and microstructure of cemented carbides.

Read more

11/29/2017

Plansee Tungsten Alloys awarded Gold Status

A great triumph for the team from Plansee Tungsten Alloys in France: receipt of the "Gold Supplier Award" from UTC Group - Aerospace System Division (UTAS).

Read more

11/20/2017
A method for measuring the high temperature emissivity of refractory metal surfaces

For high temperature applications, such as lighting components or heating elements, the thermal emissivity of refractory metals such as tungsten can be improved by altering the surface of the material.

Read more

11/09/2017

CFDEM modelling of particle heating and acceleration in cold spraying

Cold spraying is a promising approach for the processing of refractory metals.

Read more

11/09/2017
The finite element analysis and the discrete element method for simulating the powder compaction.

Read more

10/16/2017

Molybdenum-copper-composites for the advanced thermal management of modern electronics

In the field of thermal management of gallium nitride based electronic devices, molybdenum-copper-composites play an important role.

Read more

10/03/2017
Selective Laser Melting (SLM) offers great potential for the processing of molybdenum as it allows the production of parts that can hardly be fabricated in a classical way.

Read more

09/26/2017

Fundamental analysis of the influence of powder characteristics in selective laser melting of molybdenum based on a multi-physical simulation model

Selective Laser Melting (SLM) offers great potential for the processing of molybdenum as it allows the production of parts that can hardly be fabricated in a classical way.

Read more

Carbon doping - A key for the substitute of thoriated tungsten

Thoriated tungsten is the state-of-the-art cathode material for short arc lamps used in cinema lighting and semiconductor lithography. But the radioactive nature of thorium is driving the development of a substitute.
The ITM interconnect supplied by Plansee was an important component in the planar solid oxide fuel cell developed at the Jülich GmbH Research Center. The system has now been running and producing electricity for 10 years and over its entire service life to date, it has exhibited only a very low level of aging of approximately 0.6% per 1,000 operating hours. A further development to the stack in 2010 provided even better results: Over 34,500 hours of operation, it aged only half as much.
High-temperature refractory metals such as molybdenum- and tungsten-based materials are essential in today’s sapphire crystal growing technologies and are widely used for crucibles, hot-zone shieldings or heaters.

Read more

07/07/2017

Plansee Group remains on track for success

In the 2016/17 fiscal year, which ended on 28 February 2017, the Plansee Group achieved consolidated sales of 1.17 billion euros.

Read more

07/07/2017

Michael Schwarzkopf is new Chairman of the Plansee Group Supervisory Board
Dr. Michael Schwarzkopf, long-standing Chairman of the Plansee Group Executive Board, has moved to the Supervisory Board. His former colleagues on the Executive Board, Bernhard Schretter and Karlheinz Wex, are now leading the Plansee Group together with immediate effect.

Read more

06/22/2017

The 19th Plansee Seminar in Reutte: A highlight for experts in the fields of carbides and refractory metals.

It was back in 1952 that Professor Paul Schwarzkopf invited researchers and industry experts to the first Plansee Seminar. Since then, the sector has come together every four years, and the meetings have evolved into one of the largest conferences for researchers and industry experts in the field of refractory metals and carbides.

Read more

04/11/2017
In March 2017, Convion took its C50 biogas system into operation. In initial trials, the system achieved a net AC efficiency in excess of 55%. Fitted with an exhaust gas recovery unit, the Convion C50 is able to achieve an overall efficiency of more than 82%. At the heart of the plant lie the MK351 stacks developed by Plansee and Fraunhofer IKTS.

Convion takes 50-kW pilot SOFC plant with MK351 stacks into operation

This week GTP hosted the annual TI-CMC board meeting in Towanda. Board members from 4 smelters and representatives from the Refractory Metals Association (RMA) attended the Board meeting.
AlCr-based coatings now even more resistant to wear

The Vienna University of Technology has published new findings on wear-protection coatings based on aluminum-chromium oxides: A small amount of iron makes the coating even more resistant to wear.

New production line for medical engineering products

Plansee is investing ten million euros in the construction of a new production line for medical engineering products. The official launch of this largest single investment at the Breitenwang/Reutte site in 2017 took place today in the presence of Austrian Chancellor Christian Kern.
After the acquisition of Becker Diamantwerkzeuge (diamond tools), Ceratizit now takes over the US manufacturer Best Carbide. This is already the second takeover in 2017.

Ceratizit acquires Becker Diamantwerkzeuge

On January 9, 2017, the Ceratizit Group has acquired the German company Becker Diamantwerkzeuge. Becker produces extremely wear resistant tools for the automotive, mechanical engineering, medical technology, and aerospace industries.
12/12/2016

Heat-resistant coating for cutting tools

Nitride hard coatings made from titanium aluminum nitride (TiAlN) protect drill bits, milling cutters and indexable cutting inserts against premature failure due to wear. Now, small quantities of tantalum improve the thermal stability of these adherent layers still further.

Read more

11/18/2016

10,000 samples coated in our PVD application laboratory

For seven years Plansee is coating samples for its customers in an own PVD applications laboratory. Recently the 10,000th sample was produced for a display manufacturer in Asia.

Read more
11/16/2016

New production site in Korea

On 3 November, Plansee Korea opened a new plant. The factory is located close to big customers in the industrial park Dongtan, in the South of the capital Seoul.

Read more

10/14/2016

Hot products, easy choice - the new hot zone concepts from Plansee

All-metal hot zones from Plansee are used at high temperatures of over 1,000 °C / 1,832 °F. Three newly developed equipment packages cover the very differing requirements of plant operators. An online configurator gives potential buyers immediate access to prices, energy consumption values and equipment features.

Read more
In for the long haul! The "MeStREx" project extends the range of battery-powered vehicles

As part of the MeStREx (Metallic Stack for Range Extender) research project, Plansee is working together with partners from industry and research on an innovative "range extender". It is designed to convert ethanol based fuels to electric power extremely efficiently, and is intended to allow the battery packs to be recharged autonomously and continuously, far from any external source of electrical power.

Read more

New materials for displays
Plansee is keeping on the ball in the flat panel display industry with new materials developed especially for their customers. This is something that came out clearly at the latest Plansee Networking Forum. Researchers from a variety of disciplines presented the latest technology used in developing new sputtering targets for the display industry.

Read more

09/01/2016

594 x 631 mm? Certainly! Economy sheets from moly and tungsten are now available cut to size.

In its Webshop, Plansee offers especially attractively priced economy sheets of molybdenum and tungsten. The sheets are available in standard sizes and can now also be supplied cut to size.

Read more

08/03/2016
Plansee presents thin-film materials at the Touch Taiwan

From all over the world, experts for displays come together at the Touch Panel and Optical Film Exhibition in Taiwan at the end of August. Plansee presents sputtering targets for UHD displays and touch screens.

Read more

07/08/2016

More than 200 million euros invested

In the 2015/16 fiscal year, which closed on February 29, 2016, the Plansee Group achieved consolidated sales of 1.18 billion euros. Significant investments were made in expanding existing sites and acquiring new ones.

Read more
06/17/2016

Research project on Industry 4.0. Shaping the future together!

A team of partners from five European countries, led by Infineon Austria, have joined forces in the "SemI40" research project to work on further development of the autonomous factory. And Plansee SE is part of the team.

Read more

06/13/2016

Stay flexible! New research findings on the fracture behavior of molybdenum films.

Molybdenum thin films in flexible solar cells and displays need to be flexible without fracturing. In cooperation with the Montan University in Leoben, Plansee is working on improving the ductility of molybdenum and has already been able to achieve some
important successes. The findings of this collaboration will be showcased in a poster presentation at the EUPVSEC Conference on 22 June.

Read more

05/19/2016

Cooperation with the TUfast Racing Team

The Plansee Group supports the TUfast Racing team from the Technical University of Munich and produces various components for the gasoline-powered race car.

Read more

04/05/2016

Thermal management: MoCu30 sheet now available from the Plansee online shop.
MoCu30 is a material that reliably dissipates heat in semiconductor packages. Sheet made from this material is now available from our "Plansee Express" online shop.

Read more

04/04/2016

Plansee at the Hannover "Hydrogen + Fuel Cell" trade fair.

This year, Plansee will once again be showcasing its innovative interconnects for fuel cells at the Hannover trade fair. With interconnects Plansee produces vital components in SOFC fuel cells and thus makes a decisive contribution to the further development of this technology in both mobile and stationary applications.

Read more

03/30/2016
New production site in Korea

Having opened their own sales office in Seoul 12 years ago and after acquiring a Korean company five years ago, Plansee is now further expanding its production capacity in Korea. Mid-March, 2016, saw the ground-breaking ceremony for the construction of their own production facilities.

Read more

03/21/2016

Coating materials for the toughest tasks: Plansee at the ICMCTF in San Diego

Plansee will present its impressive developments in the field of ceramic target materials at the ICMCTF (International Conference on Metallurgical Coatings and Thin Films), which will be held from 25 – 29 April 2016.

Read more
02/26/2016

Raw materials are the future!

From the 1st of March through to the 31st of May 2016, the Montana University in Leoben will again be welcoming visitors to the "Rohstoffe sind Zukunft" exhibition.

Read more

02/18/2016

X-ray technology: A refractory metal innovation for every system.

Plansee has made a name for itself as a reliable, neutral development partner for refractory metals in the field of medical engineering. Let us show you some examples.

Read more

02/18/2016
Plansee opens new production line

Plansee High Performance Materials (HPM) has opened a new production line in Mysore today. Here components and spare parts are produced for semiconductor manufacturing.

Read more

02/08/2016

Production of CIGS solar modules – What's new in basic research?

The Munich University of Applied Sciences has conducted in-depth investigations into the ablation mechanism for molybdenum during the CIGS production. Up to now, it had been assumed that a rapidly expanding gas is responsible for removing material from the rear. The research findings refute this model.

Read more
Molybdenum and tungsten: Our metals show their new facets.

The early industrial exploitation of our metals was a hot affair, namely as filaments in lights at the beginning of the 20th century. Plansee’s product range has grown enormously since then. Their high melting point means that molybdenum and tungsten can nowadays be found in virtually all high-temperature applications. But for many branches of industry, it is other properties of the materials that are becoming ever more interesting.

Read more

MOCVD: Why heating elements from Plansee do not need to get so hot
Our new heating element designs and patented coatings allow us to help increase service life and improve productivity in the MOCVD process.

Read more

11/18/2015

David Lang receives Grand Prize of Excellence

David Lang is a PhD student at the University of Leoben and has worked closely with Plansee for many years during his research. Together with his co-authors, he was awarded the Grand Prize of Excellence in Metallography during the international powder metallurgy conference Powdermet 2015 for the paper "Evolution of Strain-Induced Precipitates in a Molybdenum Base Mo-Hf-C Alloy".

Read more

10/30/2015
Schneider Electric Supplier Award 2015

The two production sites Seon and Shanghai of the Plansee BU Power T/D have achieved to become "preferred supplier" of the customer Schneider Electric for the fifth time in a row.

Read more

10/05/2015

New source of tungsten

GTP, the tungsten powders division of Plansee Group, has recently started receiving tungsten ore concentrate from the Drakelands Mine in Hemerdon/England.

Read more

10/05/2015
Plansee now offers molybdenum and tungsten sheets in three separate categories.

Not every application for molybdenum and tungsten sheets has the same material requirements. Plansee customers now have the opportunity to choose the perfect sheet for their application. The new quality levels are Economy, Standard, and Premium.

Read more

09/28/2015

Replacement parts for ion implanters. Plansee launches online product catalog.

Plansee manufactures thousands of different replacement parts from tungsten, molybdenum, tantalum, graphite, and ceramics for ion implantation and other semiconductor applications. The company has recently started a new online service to help manage this complexity and guide customers to the right products.

Read more
09/09/2015

Ceratizit strengthens tool business in India

Ceratizit, the hard materials specialist within the Plansee Group, has acquired a majority share in Indian solid carbide tool manufacturer Cobra Carbide.

Read more

09/09/2015

Innovative charge carrier for a hot isostatic press from Quintus.

Reliability and innovation are the hallmarks of systems from Quintus. Each and every component has to deliver high performance and a long service life, particularly in the face of increasingly demanding operating conditions, such as those found in hot isostatic presses (HIPs): In order to increase productivity, operators are striving to maximize the loads they handle in their systems. New processes often run at very high operating
temperatures. And the entire system must be designed to cope with such conditions. At gas pressures of up to 2000 bar in the pressure vessel, there is pretty well no room for tolerances. Time and again, Quintus have pushed the boundaries of technical feasibility for their customers, developing systems that deliver a genuine competitive edge. When it comes to system components made from refractory metals, Quintus have for many years put their faith in Plansee as a reliable partner.

Read more

07/08/2015

New research findings: Enhanced efficiency of CIGS cells with MoNa sputtering targets.

Small quantities of sodium in the CIGS absorber improve the efficiency of a CIGS cell. Research findings from the Helmholtz-Zentrum Berlin (HZB) confirm that MoNa sputtering targets are particularly suitable as a sodium source for CIGS thin-film solar cells.

Read more

07/02/2015
Plansee Group increases sales again.

The Plansee Group increased consolidated sales in the fiscal year 2014/15, which ended on 28 February 2015, to 1.26 billion euros.

Read more

07/01/2015

Plansee Group increases sales again.

Thin and medium-thickness sheet is now even cheaper.

Plansee uses modern rolling mills to produce the world's largest molybdenum, tungsten, tantalum and niobium sheets. New investments mean that customers will immediately benefit from cost savings, which Plansee will also be passing on in their Web shop, Plansee Express.

Read more
06/19/2015

SOFC innovations at Hannover Fair

Convion LTD, Fraunhofer IKTS and Plansee SE have one common goal: to contribute to the breakthrough of SOFC technology as a future form of affordable, reliable, and clean energy. From interconnects, through ready-to-install stacks up to SOFC systems they present their products and services at this year’s Hannover Fair, April 13-17, 2015.

Read more

06/16/2015

GTP acquires hardmetal recycling expert Tikomet

Global Tungsten & Powders (GTP), the tungsten powders division of Plansee Group, acquires Tikomet Oy. Tikomet is one of the leading producers of reclaimed hardmetal powders.

Read more
06/01/2015

Ceratizit acquires tool manufacturer

Ceratizit, the hard materials specialist within the Plansee Group, has acquired the German tool manufacturer Klenk.

Read more

02/02/2015

Ion implantation: New GSD source from Plansee

The GSD is a popular implanter system from Axcelis. Plansee stocks the appropriate implanter sources for all generations of GSD systems. Feedback from many users over the past years has shown that the standard source has plenty of room for improvement. Thus, Plansee has improved the source by increasing both its lifetime and efficiency. This redesign allows it to be used in any existing systems without any complications.

Read more
01/26/2015

Presentation on vacuum coating in Regensburg.

At the beginning of February, the Eastern Bavarian Technology Transfer Institute (OTTI) will once again be inviting participants to come to Regensburg for a two-day user forum on vacuum and thin-film technology. And, once again, Plansee will be there.

Read more

01/26/2015

Improvement of the SOFC

Recently the Christian Doppler laboratory for the improvement of solid oxid fuel cells opened up at the Forschungszentrum Jülich. In trucks solid oxid fuel cells convert diesel into electrical current.

Read more
12/09/2014

25 years Plansee in Japan

Our colleagues at the Esashi plant in Japan recently had cause to celebrate. It was 25 years ago that production of molybdenum and tungsten products started there under the leadership of Noriaki Nakayama and Masashi Tsuchiya.

Read more

11/25/2014

Ceratizit acquires Italian drawing tool manufacturer VAN-Dies

Breitenwang/Reutte, 25. November 2014 – Ceratizit Italia will take over the Italian drawing tool manufacturer VAN-Dies at the end of the year.

Read more
David Lang wins EPMA Thesis Competition.

The thesis focused on Plansee's material MHC.

Read more

Glass melting electrode with new cooling system.

Plansee presented a new cooling system for molybdenum electrodes at the Glasstec trade fair in Düsseldorf. It is intended to protect against premature boiling water corrosion.

Read more

10/30/2014
Molybdenum and tungsten have an extremely high melting point. The very thing that makes our metals so outstanding in use also means that the manufacturing process demands considerable amounts of energy. And yet, in many companies, excess heat is simply wasted. But not at Plansee.

Read more

10/14/2014

260 tonnes of carbon dioxide already saved with new heat pump.

Plansee expands production in Korea.

The Plansee Group is building a new plant in South Korea. Today, Plansee and the political representative of Gyeonggi-do province signed a corresponding memorandum of understanding in Reutte.

Read more
10/08/2014

Presentation at the NADCA Die Casting Congress.

The foundry industry generally uses steel molds for casting aluminum parts. Manufacturers have to work on reduced cycle times to stay competitive. This is where the properties of steel reach their limit and tungsten comes in.

Read more

09/29/2014

Plansee supports the Tungsten Industry Conflict Minerals Council.

Plansee has been a supporter member of the Tungsten Industry Conflict Minerals Council (TI-CMC) since September. The working group is an initiative of the tungsten industry dedicated to promoting greater transparency in the realm of tungsten procurement. Tungsten from TI-CMC-compliant companies is only procured from responsible, conflict-free sources.
Interview about conflict minerals

Andreas Feichtinger talks about conflict minerals and the importance of having a sustainable supply chain.

Meet us at the Fabtech!

The Fabtech in Atlanta is the largest exhibition on the latest technology in the metal forming, fabricating, welding and finishing industries. This year Plansee will be exhibiting and presenting its TIG and resistance welding electrodes made of tungsten.
EU PVSEC poster session

Molybdenum-potassium (MoK) sputtering targets or sodium-doped CuGa targets: Our materials experts are constantly involved in basic research into the manufacture of thin films. You can find out about our latest research findings at a poster presentation at the 2014 EU PVSEC Conference in Amsterdam.

Read more

Perfectly flat

Plansee’s new cold-rolling mill represents a technological milestone in the cold forming of molybdenum sheet.

Read more
09/15/2014

Fine art

The Plansee HPM Group improves its customer service with shorter, guaranteed delivery times.

Read more

09/02/2014

Tungsten vs. steel

The foundry industry generally uses steel molds for casting aluminum parts. Manufacturers have to work on reduced cycle times to stay competitive. This is where the properties of steel reach their limit and tungsten comes in.

Read more

08/27/2014
Global Tungsten & Powders Announces Strategic Cobalt Partnership with Umicore

Global Tungsten & Powders, a division of the Plansee Group, has entered into a strategic partnership with Umicore for tolling GTP’s cobalt intermediate material.

Read more

08/27/2014

Putting back casted TZM electrodes to the test.

A manufacturer of switchgears tested our back cast electrodes for resistance welding. The result: Due to the seamless joint with the electrode holder, back cast electrodes have a substantially longer service life than their soldered alternative.

Read more

08/21/2014
Plansee presents thin-film materials at the Touch Taiwan.

From all over the world, experts for displays come together at the Touch Panel and Optical Film Exhibition in Taiwan at the end of August. Plansee presents sputtering targets for UHD displays and touch screens.

Read more

07/25/2014

Our tungsten turns into blinds

Tomorrow's energy-efficient window goes under the name "smart window". Made from electrochromic glass, the window darkens at the touch of a button or fully automatically to prevent buildings from becoming too hot.

Read more
07/03/2014

**Continued growth for the Plansee Group.**

In the 2013/14 fiscal year (ending February 28, 2014), the Plansee Group increased its sales volume by 17 percent and realized sales of 1.2 billion euros. The Group made investments of 280 million euros.

[Read more](#)

06/16/2014

**Saving fuel with coatings.**

Intelligently coating moving components reduces friction in vehicles and paves the way for additional efficiency measures.

[Read more](#)

06/03/2014
Plansee develops selective laser melting process for refractory metals.

Simply “print” complex shaped components? Following the model of the 3D-printing process of plastics, Plansee has now developed a selective laser melting process for refractory metals. The first components have already been delivered to customers.

Read more

05/15/2014

Strong tungsten alloy for the foundry industry.

The Aalen Foundry Colloquium, hosted by Aalen University in Germany on the 7th and 8th of May, was all about innovations in die casting.

Read more

05/15/2014
Results of our customer survey 2013/14.

We are continually interested in what our customers think of our products and services. We can now announce the findings of our online customer survey for the business year 2013/14:

Read more

05/09/2014

Meet our materials experts at PCIM Europe.

Between the 20th and 22nd of May, 2015 everything revolves around power electronics at the PCIM. Our molybdenum, tungsten, molybdenum copper and tungsten-copper (WCu) components for reliable heat dissipation in semiconductors will be there too.

Read more

05/05/2014
Well done! Plansee Electro-Graph receives 5S award.

Well-organized workflows in production and administration provide an ideal environment for doing a job well. Our Plansee Electro-Graph plant recently received recognition for its lean processes.

Read more

04/11/2014

CERATIZIT purchases Californian tool manufacturer

Breitenwang, Reutte, Austria, April 11, 2014 – Ceratizit, the Plansee Group’s carbide specialist, has acquired a majority interest in Californian tool manufacturer Promax.

Read more

03/19/2014
Plansee opens new representative office in Singapore.

With more than 600 million inhabitants and constantly high growth rates, Southeast Asia has become an interesting location for international business. And now, the materials specialist Plansee has opened its own office in the heart of Singapore.

Read more

03/11/2014

No wear in the nozzle: TZM for plastic injection molding.

Small quantities of titanium and zirconium improve the dimensional stability of molybdenum at high temperatures. But it is not only at temperatures above 1000 °C that the properties of the TZM alloy prove their worth. One important application is plastic injection molding.

Read more
03/10/2014

Boosting the efficiency of CIGS by optimal use of MoNa sputtering targets.

Together with Plansee, the Laboratory for Thin Films and Photovoltaics at the Swiss Federal Laboratories for Materials Science and Technology (Empa) investigated the ideal sputtering parameters for achieving high efficiency of CIGS cells.

Read more

02/14/2014

Mastery over our metals: Tools made by Plansee.

Our tools do not have it easy: After all, it is their unenviable task to machine molybdenum, tungsten and tantalum. And these belong to a group of materials known as refractory metals, a thoroughly apt name, as they are extremely difficult to machine.

Read more
Plansee develops improved replacement parts from refractory metals, graphite, and ceramic for ion implanters from all major manufacturers. The latest development: an assembly for VIISta HCP, HCS, Trident, and NexGen configured systems.

Read more

Following an audit conducted in December 2013, the audit committee of the Electronic Industry Citizenship Coalition (EICC) and the Global e-Sustainability Initiative (GeSI) has confirmed that Global Tungsten & Powders (GTP) – a division of the Plansee Group -
does not process any tungsten sourced from conflict region. GTP is the world's first tungsten producer to receive this certificate.

Read more

02/03/2014

Visit us at the FC-Expo in Japan

The International Hydrogen & Fuel Cell Expo in Japan is Asia’s premier forum for sharing information in the field of hydrogen and fuel cell technology. Once again, Plansee will be there to present its SOFC interconnects.

Read more

01/20/2014

Thousands of registered visitors attended the 99th Scientific Assembly and Annual Meeting held by the Radiological Society of North America (RSNA) 2013 in Chicago. This congress is seen as a barometer for trends in imaging technology in medical science. Our "trend scouts" Dr. Wolfgang Glatz, Thomas Müller and Rick Dahlquist were there.

Read more

12/20/2013

Where is my order?

You can now track your order at every step. That's how it works:

Read more

12/18/2013

Heike Larcher about refractory metals in LED production.
Their high temperature stability, a perfect coefficient of expansion, an incomparable purity. Heike Larcher knows that the special characteristics of our metals make them indispensable for the production of LEDs.

Read more

12/06/2013

New insights into the oxygen content of copper-gallium thin films.

The residual gases in the vacuum equipment during the sputtering process determines the oxygen content of copper-gallium precursor layers much more than the target material itself. Read more about this result from one of our research projects.

Read more

11/29/2013
Allrounders in the world of materials: Thomas Granzer on refractory metal composites.

In the search for the Holy Grail of the material that is fit for all purposes, it is the composite materials that come closest to the ideal. Thomas Granzer reflected on refractory metal composites and their benefits at the Dresden Materials Symposium.

Read more

11/18/2013

Plansee opens production site in China.

Plansee has had its own sales organization in China for more than 20 years. As the importance of this market has grown, the next logical step was to set up their own production location, which has just opened near Shanghai.

Read more
11/14/2013

Open house of the Plansee Group's apprenticeship.

Leaving school soon? Learn about the start for professional technical trainings in September 2014.

Read more

10/16/2013

Practical guide to vacuum and thin-film technology.

In November, the East Bavarian Institute for Technology Transfer will be conducting the user forum “Vacuum and Thin-film Technology”. Dr. Jörg Winkler from Plansee will address the question of sputtering targets for thin-film technology.

Read more

09/18/2013
Harald Selb in the interview with Gary Thomas.

Find out what Harald says about the role of material purity in the production of touch panels.

Read more

09/13/2013

How the thickness of molybdenum films influences their properties.

What influence does the thickness of molybdenum films have on their properties? The Faculty of Functional Materials at the Montan University in Leoben teamed up with Plansee to investigate this question in detail.

And they found that grain size grows as the thickness of the film increases. However, resistivity and stress remain constant as of a film thickness of 1 µm.

Read more
Research project for coating materials.

The Austrian Research Promotion Agency is providing support for a three-year development project conducted by Plansee.

Read more

New Ion Source for Exceed IHC 9600 offers 30% Longer Lifetime.

PLANSEE designs are made from high-performance metals, graphite, and ceramics and are available for most commercial ion implantation tools. Our most recent development is an extended life ion source for the Exceed IHC 9600 implantation system from Nissin.

Read more
08/27/2013

Seamlessly joined? Comparing cast and soldered electrodes for spot welding.

Electrodes made from tungsten-lanthanum or TZM with a copper shaft are suitable for the high stresses involved in resistance spot welding. But cavities in the solder between the electrode and the shaft have a negative impact on the quality of the weld.

Read more

07/29/2013

Ultra-pure sputtering targets for UHD screens.

Transistors in ultra-high definition displays (4K2K) possess particularly fine structures. Only extremely pure sputtering targets can be used as input materials for the fine conductor paths. Check out our ultra-pure coating materials at the Touch Taiwan!

Read more
Material tuning for ion implantation.

How the properties of graphite and refractory metals improve system reliability and the lifetime of ion source and beamline replacement components.

Read more

07/11/2013

Densimet® tungsten heavy metal alloys now available online.

As of today, Plansee Express will provide even more density with the addition of: Densimet® D176, D185ND and D2M. In the leading online shop for semi-finished high-melting metals, tungsten heavy alloys are now also available.

Read more
07/05/2013

Information on our tungsten supply chain.

In light of recent reports suggesting that the integrity of our tungsten supply chain may have been compromised, we would like to share with you proactively our initial thoughts and findings.

Read more

07/04/2013

Second most successful year ever. The Plansee Group continues to expand.

In spite of the flagging economy, the Plansee Group plans to continue expanding. At the same time, the company intends to become more productive and innovative.

Read more
07/02/2013

GTP Suspends Colombia Tungsten Sourcing After Questions Raised

Towanda/Pennsylvania, USA, 2 July 2013 – Global Tungsten & Powders Corp. (GTP) has received information suggesting that the integrity of its tungsten supply chain in Colombia may have been compromised.

Read more

06/28/2013

Expat Award for Peter Aldrian. Our congratulations!

The "Expat Award" is presented by the Austrian Chamber of Commerce to recognize the achievements of successful Austrians abroad. In 2013, the award went to Peter Aldrian – our Managing Director in Japan.

Read more

06/21/2013
From June 24th to the 27th in Chicago, everything revolves around powder metallurgy.

PowderMet is the largest American Conference on powder metallurgy.

Read more

06/17/2013

Lower LED manufacturing costs.

Manufacturers and suppliers of LEDs will be meeting at LED Lighting in Taipei from 18th to 20th June. Visitors are excited at the prospect of developments that will help reduce manufacturing costs.

Read more

06/10/2013
We use creep-resistant WVM to manufacture heaters for sapphire growth. These have more than twice the service life of conventional tungsten heaters.

Read more

06/05/2013

Doped tungsten doubles the lifetime.

Many of our customers have appreciated our products and services for years. But, for us, that is not enough: now we have your opinion – in black and white.

Read more

06/04/2013
The "Enhanced Power Pilot Line" (EPPL) is one of the largest research undertakings being conducted in Europe. 32 enterprises and scientific institutes are involved – including PLANSEE.

Read more

06/03/2013

Opening of the world’s largest conference on powder metallurgically produced materials.

The 18th Plansee Seminar has opened today. Over 500 researchers and users from more than 30 countries will share insights into the future of manufacturing and unpublished research results.

Read more
05/29/2013

Plansee Seminar: Make your choice.

The 18th Plansee Seminar takes place from 3-7 June in Reutte. Will you be there? You can now create your own programme online.

Read more

05/22/2013

Plansee at the Semicon West 2013.

Anyone can produce exact copies, but our spare parts for ion implanters are more than just that. We will be presenting many of our cost-saving "Plansee Advanced Standard" graphite, refractory metal and ceramic products at Semicon West.

Read more

05/14/2013
Are you ready?

Our metals and our team are all set to go for the 18th Plansee Seminar scheduled for the 3rd - 7th of June. And you?
Read more

05/02/2013

On the spot: Plansee at the SNEC PV Power Expo 2013

Come and meet our thin-film photovoltaics specialists from 14th to 16th May in Shanghai. Our monolithic rotary targets with a new inner-diameter coating will be there too.
Read more

05/02/2013
As of June 2014, Plansee will produce only environmentally friendly plasma spray electrodes made of tungsten-lanthanum (WL10). A scientific study has confirmed the excellent performance of these electrodes.

Read more

04/23/2013

We end our production of thoriated (WT20) plasma spray electrodes.

Coating materials for the toughest tasks: Plansee at the ICMCTF in San Diego

Plansee will present its impressive developments in the field of ceramic target materials at the ICMCTF (International Conference on Metallurgical Coatings and Thin Films), which will be held from 29.4. to 3.5.

Read more
04/12/2013

Plansee at the power electronics industry hot spot

The leading actors in the power electronics industry will be gathering at the PCIM (Power Conversion Intelligent Motion) between 14th and 16th May 2013.

Read more

04/10/2013

ようこそ！Now we can also welcome you in Japanese.

Our team from Plansee Japan is making sure that plansee.com now speaks even more languages.

Read more

04/08/2013
Meet us at the SVC TechCon in Rhode Island.

Our coating experts will be ready for your visit at the SVC Technical Conference between 23th and 24th April. Learn more about monotlic rotary targets and CuGa sputtering targets for CIGS.

Read more

04/02/2013

Open sesame. MIM hot zone door operation - simplified.

The hot zone’s performance is just part of the story. Ease of installation and ease of use are also desired criteria for furnace operators. Plansee provides both.

Read more

03/26/2013
¡Bienvenidos!

plansee.com speaks Spanish.

Read more

03/25/2013

Plansee Seminar: The program.

Academically examined and practically tested: Scientists and operators present new findings on Refractory Metals and Hard Materials at the 18th Plansee Seminar.

Read more

03/25/2013
We did it again: Plansee India receives the All India Star Performer award.

Plansee India received the All India Star Performer Award from the Engineering Export Promotion Council of the Indian Ministry of Commerce.

Read more

03/14/2013

Our niobium at its most dazzling

Every year, the Austrian Mint or "Münze Österreich" brings out a silver-niobium 25 euro coin. The niobium core of this collector's piece is produced by Plansee and is always presented with a different design and in a new color.

Read more

03/11/2013
Our MSC cells on tour.

In the future, our Metal Supported Cells (MSC) are to be used to transform energy in mobile applications such as in trucks. From April 8 to 12, they will be on tour with our experts at the Hanover trade fair.

Read more

02/14/2013

你们好! Now we can also welcome you in Chinese.

Our employee Phoebe Qian and her team are making sure that plansee.com now speaks even more languages.

Read more

02/14/2013
The independent German Federal Institute for Materials Research and Testing (BAM) has compared the thorium-free WL15 welding electrode with the earlier WT20 standard and has confirmed: WL15 is the high-performance, environmentally-friendly alternative.

Read more

02/11/2013

The future is golden: Plansee ceases production of WT20 welding electrodes.

Plansee at the leading international MIM event!

We will present our latest developments for metallic hot zones for the MIM industry.

Read more

01/21/2013
Companies throughout Austria have submitted more than 592 projects in their attempt to win the country’s State Prize for Innovation. With our contribution to fuel cell technology, we made it through to the last six candidates. Cross your fingers for us!

Read more

01/14/2013

Plansee nominated for Austrian State Prize for Innovation.

The representatives of the powder metallurgy world are meeting again. At our headquarters in Reutte. Enroll for the 18th Plansee Seminar until 5th April and save 15% on the registration fee.

Read more
Article on MoNa sputtering targets published in "Thin Solid Films".

The Swiss Federal Laboratories for Materials Science and Technology (Empa) have worked together with PLANSEE and prepared a scientific article on molybdenum-sodium targets. The text has been published in the journal "Thin Solid Films".

Read more

Joyful holidays!

Our metals are used to high temperatures. But once a year their hearts warm.

Read more
Skaupy prize for Dr. Lorenz Sigl

Dr. Lorenz Sigl has been awarded the Skaupy prize 2012 at the Hagen symposium in Germany in the end of November. With this award a committee of diverse powder metallurgy organizations honors the outstanding activities of Dr. Sigl in R&D and industry.

Read more

12/07/2012

Needed: Metalworking technicians for a cutting edge assignment.

Hi, girls and boys. Apply for one of our 32 apprenticeship places until February 28!

Read more

12/06/2012
New production hall: More space for Plansee Composite Materials.

December 6 saw the opening of a new production hall at our Lechbruck (Germany) production site. This will allow us to meet the high demand for high-precision components for medical technology.

Read more

11/30/2012

Densimet® tungsten alloy

The tungsten alloy Densimet® reliably shields against X-rays and gamma radiation. With its new production process and great expertise in the materials field, Plansee has made the manufacture of Densimet® shielding components particularly cost-effective.

Read more
11/22/2012

Do you know the electron configuration of molybdenum?

Just look it up – simple and fast in our periodic table of elements.

Read more

11/13/2012

Scientific article on sputtering targets for CIGS.

Our expertise in the field of coating materials for thin-film solar cells is once again set out in black and white and can be read in the latest edition of "Vakuum in Forschung und Praxis".

Read more

11/12/2012
Across the globe, raw materials are becoming ever more scarce and more expensive. For many years, these mineral resources were exported to the industrial nations, where they were required for things such as computers, cell phones and cars. And now, the large cities can be compared to huge raw materials mines. The metals are well concealed in the products we use, and in the future the focus will be on how to recover them.

Urban mining - Cities as never-ending sources of raw materials

Read more

10/29/2012

Plansee Express: Now purchase furnace parts online.

It’s getting hot at Plansee Express! The leading online shop for refractory metals such as molybdenum and tungsten is now also offering finished parts for high-temperature furnaces.

Read more
10/29/2012

Molybdenum crucibles: Reacting quickly to dynamic markets.

Our employees submit their most exciting projects for the Plansee Innovation Award. But at the end of each year, there can only be one winning team:

Read more

10/19/2012

Three days for thin films.

Whether for flat screens, tools or solar cells: We have the right thin film material for every type of application. Our experts from around the world meet once every year to discuss their ideas and experiences.

Read more
10/16/2012

35 secondary school students are taking their lessons in our training workshop.

Learning in an industrial company rather than in the classroom. For another 16 fifth-year students at the Bundesrealgymnasium Reutte, Elementary Metalworking lessons are held in the Plansee training workshop.

Read more

10/15/2012

Plansee at EUMICON.

Sourcing, processing and recycling of tungsten: These were the subjects covered by Managing Director of Plansee, Dr. Wolfgang Köck, in his presentation at the EUMICON raw materials conference in Leoben, Austria.

Read more
10/05/2012

Fast ions and hot processes: experts from the semicon industry meet at Plansee.

The opportunity for users to report on their experiences provides an impetus for fresh ideas in the semiconductor industry. In September, practitioners, researchers, system manufacturers and suppliers met together at Plansee in Reutte, Austria.

Read more

10/04/2012

EU PVSEC: Great to have seen you there!

It was a pleasure meeting you in Frankfurt. We certainly hope that our strong metals were able to convince you.

Read more
Best Supplier Award von Eaton.

On September 7 2012, Eaton singled out just eight of the company's more than 2500 suppliers to receive its "Best Supplier Award". Among them: Plansee China Ltd.

Read more

Inner diameter coating for monolithic rotary targets

A new inner diameter coating for monolithic molybdenum targets prevents direct contact between the target material and cooling water during the sputtering process. We will present our "upgraded rotary target" at the EU PVSEC in Frankfurt.

Read more
09/20/2012

No barriers to hydrogen.

A hydrogen separator with an extremely thin palladium layer supplied ready for installation has made it possible: Pure hydrogen from natural gas.

Read more

09/20/2012

TZM in XXL

2.7 square meter TZM sheet. Our newest world record.

Read more

09/06/2012
To date an appropriate fixturing system for using ceramic cathodes in arc-evaporation was missing. A carrier plate and a cathode ring now enable the use of tungsten-carbide, chromium-silicon or titanium-diboride.
Cool base plates look for hot semiconductors.

The semiconductor components used in the electronics industry produce ever more heat during operation. Efficient cooling asks for high-tech materials from Plansee.

Read more

08/28/2012

Plansee receives export award.

The Austrian Federal Economic Chamber honored the Plansee Group for its efforts in exporting.

Read more

08/27/2012
We do care.

Read our sustainability report.

Read more

08/16/2012

True energy savers: Lightweight metallic hot zones.

With our Enerzone series of products, we can provide genuine lightweight hot zones that reduce energy requirements by up to 25%.

Read more

08/13/2012
Investment in Günther Wirth

The CERATIZIT Group will invest in a 50% share of the tool manufacturer Günther Wirth (GW). With this step CERATIZIT complements its product line with round tools made from hard metal, and whose production GW specializes in. CERATIZIT is a division of the Plansee Group.

Read more

08/08/2012

Meet our coating team at the EU PVSEC in Germany!

To improve the molybdenum layers used in thin-film solar cells, we have developed two very special alloys: MoNa for a precise sodium doping, and MoTa for a better corrosion resistance. Dr. Christoph Adelhelm will present both materials at the EU PVSEC.

Read more
07/30/2012

From concrete to strong metal.

Every year, the international engineering consulting company Fritsch, Chiari & Partner ZT awards its Innovation Award for outstanding achievements in the engineering sciences. This award was recently conferred on our employee Dr. Bernhard Valentini.

Read more

07/25/2012

We like to move it!

Plansee Electro-Graph moved. Five kilometers away from the former production site in Carlsbad our components for ion implantation now have twice as much space as before.

Read more
Plansee Seminar celebrates its 60th birthday

It was 60 years ago that Dr. Paul Schwarzkopf conceived of the Plansee Seminar. At the end of June 1952, scientists gathered in Reutte / Austria at his personal invitation to discuss the properties of metals (De Re Metallica).

Read more

07/09/2012

Nuclear Fusion: Only the best survive!

Heat exchanger from Plansee to become ready for series production for ITER.

Read more

07/05/2012
“Despite global uncertainties caused by government debts, euro and banking crisis we were able to continue our worldwide expansion during 2011”, Plansee Group’s executive chairman, Dr. Michael Schwarzkopf, said at the annual press conference in Reutte.

Read more

06/29/2012

Plansee Express opens to the Japanese market.

Semi-finished and standard products can now be ordered in Japan at Plansee’s worldwide online shop.

Read more

06/21/2012
Confronted with conditions in which traditional metals quickly deform or contaminate the atmosphere as a result of high vapor pressures, molybdenum delivers with a high level of chemical purity, resistance to corrosion and dimensional stability.

Read more

06/19/2012

EUMICON 2012: Visit our lectures.

We will be present when international experts focus on security of supply, resource efficiency and recycling.

Read more

06/19/2012
EUMICON 2012. The biggest date in the European resources sector calendar.

Resource-efficient extraction, and sustainable, secure and affordable access to raw materials are pivotal issues – not just for the mineral resources sector but for the future of the European economy as a whole. The most influential event in this year’s international mineral resources conference calendar, the three-day EUMICON 2012, will examine these topics from a wide variety of perspectives.

06/18/2012

Brilliant performance in sapphire growth.

Growing sapphire in a crucible has become child’s play thanks to tungsten crucibles from Plansee. Their particularly smooth surface gives them a longer service life and reduces costs.

Read more
06/05/2012

Overcoming all resistance.

The conductivity of the molybdenum back contact affects the efficiency of the entire CIGS solar cell. Working together with the TU Bergakademie Freiberg, we have subjected this material property to a thorough examination.

Read more

05/10/2012

Precision in the semiconductor industry

How do our materials contribute in the semiconductor industry? Find out in Valladolid/Spain and San Francisco where we will present spare parts as well as our Advanced Standard components for ion implantation.

Read more
04/20/2012

**SOFC20: Initial test with hot box stack module completed successfully.**

With new interconnects we contribute to a natural gas-fired, stationary system demonstrator. With an electrical power output of more than 5 kW, it will achieve an electrical efficiency in excess of 50%.

Read more

04/17/2012

**Jülich fuel cell with our interconnects breaks the 40,000-hour mark**

The ITM interconnect supplied by Plansee was an important component in the planar solid oxide fuel cell developed at the Jülich Research Center.

Read more
04/11/2012

Plansee India awarded for excellent export performance

India receives the prestigious “All India Star Performer”.

Read more

04/02/2012

Sputtering targets on tour in Taiwan. Be there!

As thin functional layers, molybdenum, tungsten, aluminum, titanium and copper play an important role in flat panel displays. Normally found in the depths of thin film transistors, these metals will put in an appearance at the Display Taiwan.

Read more

03/30/2012
Sputtering targets for the solar industry: live on stage in Santa Clara and San Francisco.

Whether as rotary or planar target: Our materials are the optimum solution as coating materials in thin-film photovoltaics. What do all of our targets have in common? Unbeatable material purity, homogeneous and oriented microstructure and high density.

Read more

03/16/2012

Plansee is supplier of the year

On 26th January, Plansee was singled out as "Supplier of the Year" by the Warstein-based Infineon Technologies Bipolar.

Read more

03/13/2012
Thanks to its good adhesion to glass and a high electrical conductivity, molybdenum is the back contact material in CIGS solar cells. However, exposed to corrosive atmospheres molybdenum can be prone to oxidation. Our answer: Molybdenum-tantalum.

Read more

02/27/2012

LED: Mo-Cu R670 prevents cracks in semiconductor layers.

With Mo-Cu R670, Plansee has developed a new molybdenum-copper composite material for semiconductor wafer substrates. The material ensures optimized heat dissipation in LED chips.

Read more
02/23/2012

Our hard coating team at the ICMCTF in San Diego.

Plansee sputtering targets for hard coating are on show from 23 – 27 April, 2012 at the International Conference on Metallurgical Coatings and Thin Films (ICMCTF) in San Diego (CA/USA).

Read more

01/25/2012

How our sputtering targets make CIGS production more effective.

The sputtering process is the most important technique for material deposition in CIGS-manufacturing. With innovative sputtering targets CIGS producers can significantly reduce their production costs.

Read more
12/16/2011

Plansee Group sells PMG

The purchaser is the Essen-based asset management company Erben Dr. Karl Goldschmidt GmbH

Read more

12/01/2011

Meet us in Tokyo and Santa Clara!

Strong metals for the LED industry at the Lighting Japan and the Strategies in Light (USA).

Read more

12/01/2011
The online shop now accepts PayPal payments

To improve its Internet customer service even further, Plansee now features the well-known PayPal payment processing functionality in its online shop.

Read more

11/09/2011

EICC certification for tantalum

We do not source any of our materials from regions afflicted by conflict. The fact that we only use tantalum raw materials from ethically unimpeachable sources is now officially confirmed by EICC certification.

Read more

10/24/2011
Plansee is further expanding its presence in the booming Asian market with the acquisition of Korean company TCB Korea Co., Ltd. The purchase agreement was signed on 20 October 2011, with the parties agreeing not to disclose the purchase price. Plansee has been active in Korea for six years, running its own sales office.

Read more

08/25/2011

Laser scribing of thin films

Together with Manz, Plansee has been studying the influence of the coating parameters used during the sputtering of the molybdenum layer on laser scribing. The results show that the process pressure and target power have a great influence on quality.

Read more

08/18/2011
And the Best Paper Award goes to?

The International Conference on Tungsten, Refractory & Hardmaterials rewards Plansee's research paper.

Read more

07/07/2011

Sales increase by 46 percent: Plansee Group achieves best ever figures

The Plansee Group realized record sales of 1.24 billion euros in the last fiscal year. “We recovered from the downturn that was caused by the financial crisis more quickly than expected and performed very well in the 2010/11 fiscal year – from both an operational and a strategic point of view,” said Plansee Group CEO Michael Schwarzkopf at the annual press conference in Reutte, Austria.

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05/11/2011
Award for Plansee Powertech

A supplier offering Swiss precision

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03/28/2011

Plansee Group acquires minority ownership of the Chilean company Molibdenos y Metales S.A.

The Plansee Group, one of the worldwide leading companies for powder metallurgical products made from high performance materials such as molybdenum and tungsten, has taken over 7 percent of the shares in form of a block deal of the Chilean company Molibdenos y Metales S.A. (Molymet) on 25 March 2011. Molymet is the worldwide leading processor of molybdenum ore concentrates.

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07/08/2010
Acquisition of Wolfra-Tech: Plansee Group strengthens activities in India

PLANSEE High Performance Materials intends to acquire a majority stake in Wolfra-Tech Pvt. Ltd, and has recently signed a letter of intent to this end. The transaction should be completed within the next couple of weeks.

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07/08/2010

Focus on increasing innovation and flexibility

The 2009/10 fiscal year saw the Plansee Group implement a range of initiatives in response to the drop in demand triggered by the global economic crisis. These included structural changes and a range of measures to improve liquidity and competitiveness. The Group’s sales fell by 22 percent compared with 2008/09, to 852 million euros, while its equity ratio increased to 47 percent. Overall, the Group’s outlook for the future remains positive. Plansee will focus on increasing its innovation activities and on implementing more flexible working practices.

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03/25/2010

A key component for high-temperature fuel cells

PLANSEE’s interconnects are making a significant contribution to clean, reliable, affordable energy generation as a component in Bloom Energy’s recently announced Energy Server.

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07/09/2009

Plansee Group increases sales in the last fiscal year

The 2008/09 fiscal year saw the Plansee Group’s consolidated sales rise by two percent, to a total of 1.1 billion euros. The Group continued to strengthen its position globally in the last fiscal year, and completed an investment program worth a total of 400 million euros. In the actual fiscal year managing the global economic crisis is a key priority: Measures to reduce costs and to increase liquidity are being implemented consistently.

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02/18/2009

Powder Metal community gathers in Reutte

The 17th Plansee Seminar, the world’s most prestigious conference on powder metallurgical refractory metals and hard materials, will take place at the Plansee Group’s headquarters in Reutte, Austria during the last week of May this year. The provisional program for the seminar has now been announced. 500 industry and research experts from 40 nations are expected to attend.

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07/03/2008

Plansee Group continues to grow: Sales reach over one billion euros for first time ever

Plansee Group’s consolidated sales rose by 11 percent to a total of 1.079 billion euros in the 2007/08 fiscal year. Its number of employees increased by 350 to 5,900. Record investment of 400 million euros over the last three years has supported the Group's stable
growth path. A range of acquisitions and the establishment of new subsidiaries has strengthened the Group's global presence.

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04/23/2008

Plansee Group acquires US powder expert GTP

The Plansee Group has signed an agreement to purchase the Global Tungsten & Powders (GTP) business unit from Osram. The activities are part of the US company Osram Sylvania. The purchase price has not been disclosed, and the transaction remains subject to approval by the antitrust authorities.

With the acquisition the Plansee Group will increase the company’s competitiveness and raw materials supply base for tungsten products, and expand its refractory metals activities in North America. GTP employs 1,050 people and will become a new division of the Plansee Group.

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04/15/2008

Environmental report published
The Plansee Group recently published the first-ever environmental report on activities at its largest production site in Reutte, Austria.

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04/08/2008

The fascination of light: the core for the new 25 Euro coin from Plansee

For the sixth time now, the Austrian Mint "Münze Österreich" is issuing a bimetal 25 Euro coin in cooperation with Plansee.

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07/05/2007

Plansee continues to expand its international presence
The 2006/07 fiscal year saw the Plansee Group’s consolidated sales rise by 13 percent, to a total of 971 million euros, and its number of employees increase to 5,550. Record investment of 121 million euros ensured the Group continued its growth around the world, while a range of acquisitions and the establishment of new businesses strengthened the Group’s global presence.

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07/06/2006

Plansee Group celebrates 85th anniversary with record sales

The Plansee Group has announced record sales in its 85-year history. In the 2005/06 fiscal year the Group’s consolidated sales increased by 26%, reaching 857 million euros. The merger of Plansee’s and Mitsubishi’s sintered steel activities positioned the PMG Group as one of the world’s leading suppliers of PM-products to the automotive industry. The Group’s consolidated head-count rose from 4,600 to 5,050. Profitable growth allowed record levels of investment.

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12/15/2005
CERATIZIT is expanding to Eastern Europe

New sales subsidiaries in Hungary, Poland and the Czech Republic

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08/02/2017

PLANSEE got the KNEWLEDGE National Award

The national award for the “Encouragement and Development of Life Accompanying Learning in the Occupational Context” is a distinction granted by the Ministry of Economic Affairs to companies and nonprofit organizations making an exceptional contribution to the continuing education and development of their employees’ competencies. The presentation ceremony was held on November 16, 2005, this year for the first time in the headquarters of the Federation of Austrian Industry on the Schwarzenbergplatz in Vienna.

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In the 2004/2005 business year, which ended on 28 February, the PLANSEE Group was able to maintain its long-term growth, with consolidated group turnover up by 19% to 680 million Euros. This increase can be put down to considerably higher worldwide demand, changes in the product mix and raw material-induced sales price increases. From a regional perspective, Germany with its strong export industry as well as USA, Japan and Taiwan showed the largest growth rates. All important sales sectors of the PLANSEE Group, such as the automotive and electronics industries as well as lighting, medicine and power technologies contributed to the record year 2004/2005 with double-digit growth rates.

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