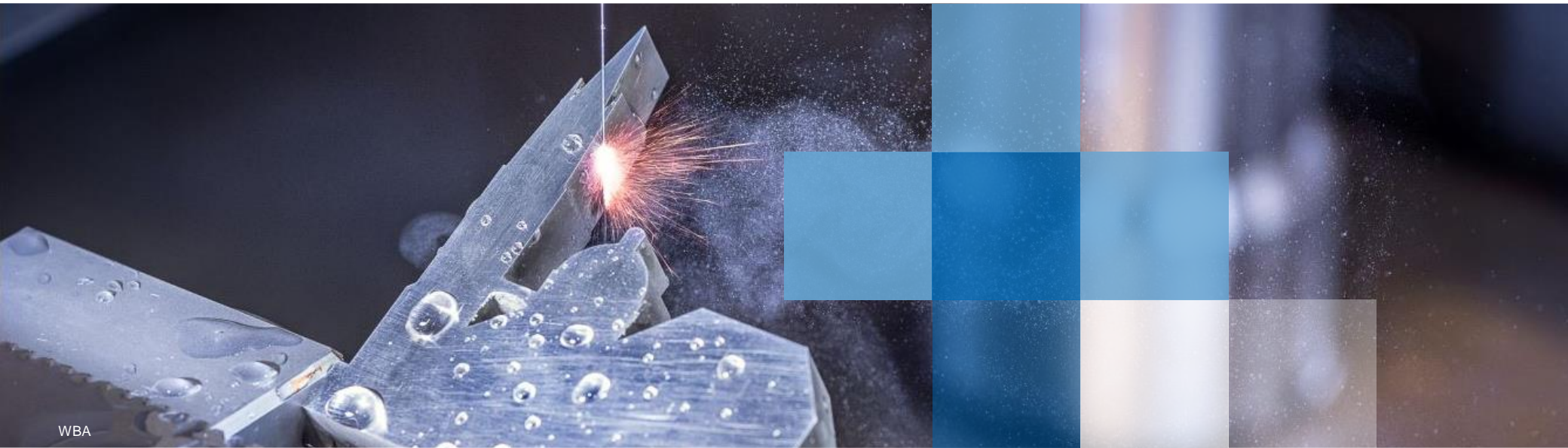




**WBA
WERKZEUGBAU
AKADEMIE**



WBA

International Service Offering

Consulting services for international tooling companies

June 2017

WBA

Tooling competence made in Germany



Who we are

- **Central contact point** for tool shops
- Close **collaborator with institutes** of the RWTH and the Fraunhofer-Gesellschaft in Aachen
- **35 employees** with organizational and technological focus on tool making as well as in the Demonstration Tool Shop
- Execution of **approx. 50 consulting projects** per year
- Initiator and leader of approx. **10 research projects per year** with partners from our network



Who our partners are

Premium	Cooperation
Business	
Basis	

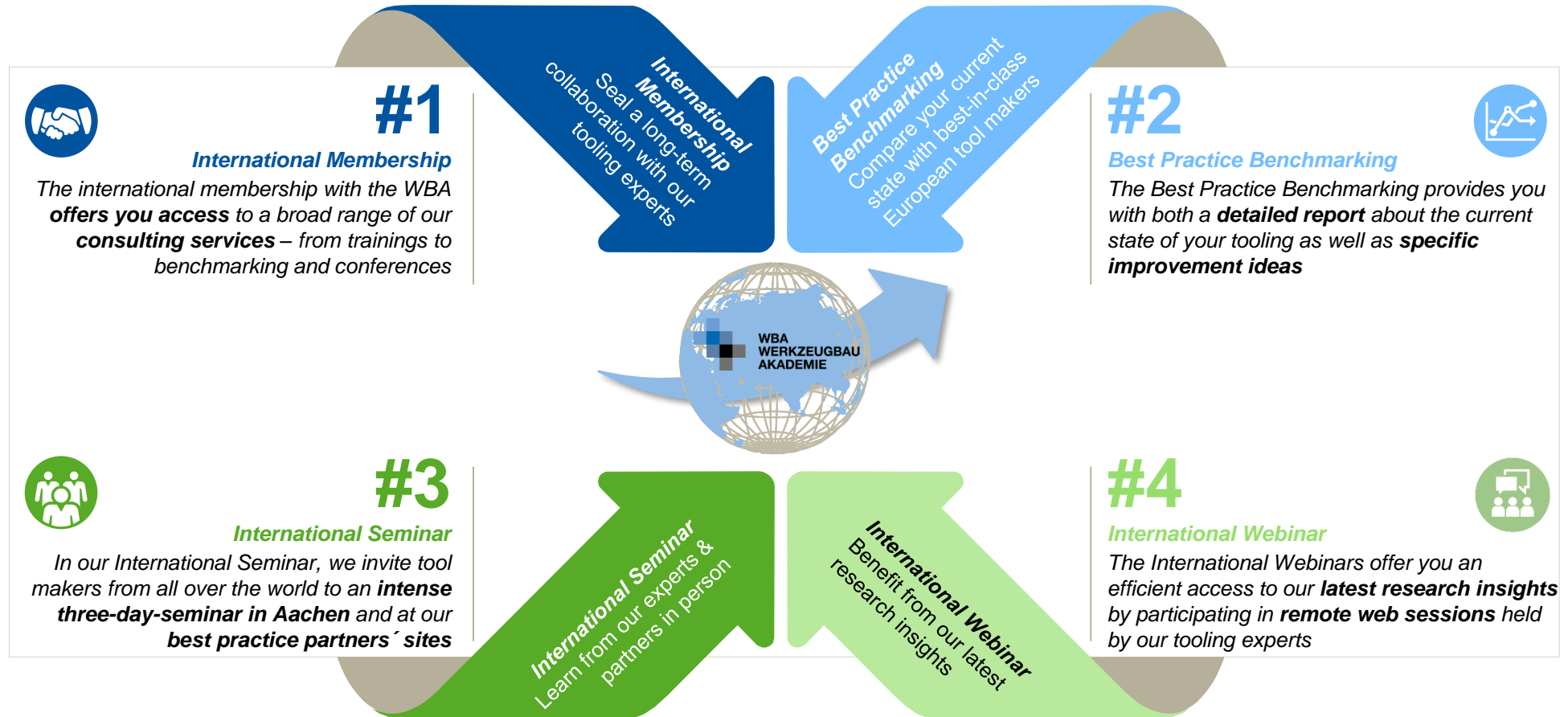
Our mission

- Advise our international clients to establish **successful business strategies** and enhance **operational excellence**
- **Share our insights** on future business and market developments, organizational trends and latest technological enablers
- **Connect our partners** to exchange best practices and collaborate on multiple levels
- **Qualify personnel** for current and future challenges

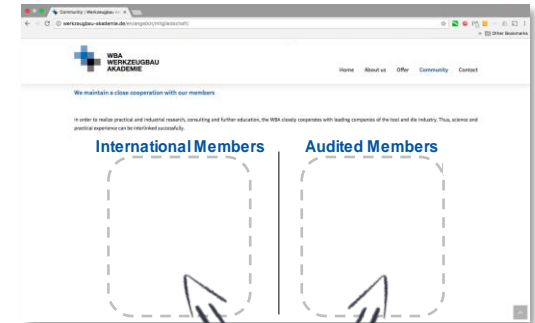
Impressions



Four distinct service offerings of the WBA are tailored to the requirements of international tooling companies



Your International Membership combines the best of the full WBA service offering and makes you visible in our partner network



Place your logo here



As an International Member, you will benefit from the strong exchange among tooling experts in our partner network



Premium



Business



Basis



Cooperation



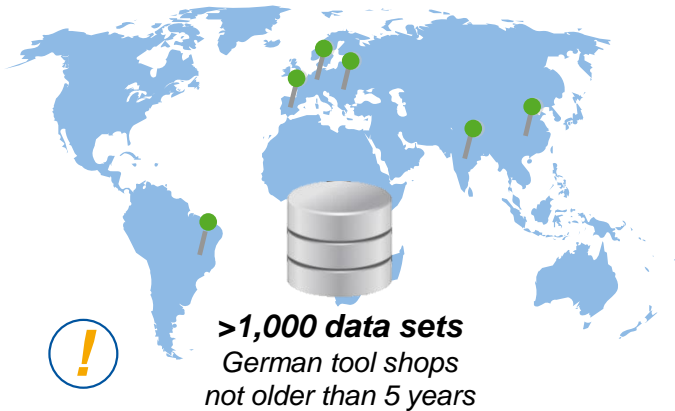
- ✓ Regular exchange across tooling experts from all over the world
- ✓ Partners from various industries and company sizes, starting from SMEs up to globally operating automotive OEMs
- ✓ Joint Best Practice development
- ✓ ...

The WBA partner network is the asset to gain access to a community of the world's best tooling companies

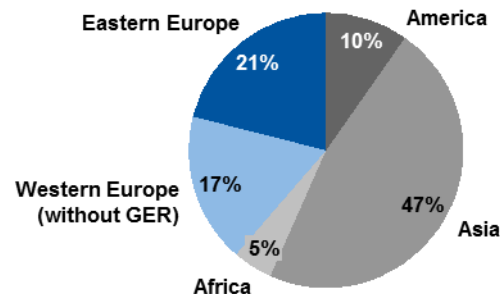
The Best Practice Benchmarking supports you with starting points for developing your tooling excellence strategy



Benchmarking Database WZL/IPT



Evaluated tool shops



>2,000 evaluated
tool shops
outside of Germany

Procedure



- Questionnaire to be filled by your company
- Remote support by our experts if required
- On-site audit – quick check of key benchmarking areas
- Presentation of first benchmarking results and KPI comparison to top German tooling companies
- Best practice exchange and first hand expert touchpoints
- Detailed benchmarking report, personalized to your status quo
- Starting point for developing your tooling excellence strategy
 - Marketing / market knowledge
 - Efficiency review
 - Technology assessment
 -

Our International Seminar is excellent opportunity to meet our experts and gain insights into best practice tool shops in Germany



	Dates 27. - 29.11.2017	Location Aachen, Germany	Group size Max. 20	Language English
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€ 2,500
early booking

€ 2,900
regular booking

Topics in focus

- Process standardization and flow production
 - ↳ Process-oriented manufacturing and utilization of repetition effects for single batch manufacturing
- Production planning and control
 - ↳ Efficient planning and scheduling to ensure delivery reliability and value creation speed
- Additive manufacturing
 - ↳ New opportunities by 3D printing technologies and connection of additive and conventional technologies into integrated process chains
- International tooling markets
 - ↳ Global market understanding with customer and supplier knowledge



Structure of the seminar

	Sunday 26.11.	Monday 27.11.	Tuesday 28.11.	Wednesday 29.11.
09:00		Seminar session 1		Seminar session 3
		Demonstration tool shop		
12:30		Lunch	Company visit of German best practice tool shop	Lunch
13:30				Demonstration factory
	Individual arrival or shuttle service	Seminar session 2		Wrap Up
17:00	Free time	Free time	Free time	Individual departure or shuttle service
19:00				
	Evening program	Free time	Evening program	
22:00				

Our International Webinar series provides insights into our latest knowledge on tooling in an efficient remote learning format



€ 100
per webinar
and person

Webinar

- 30 Minutes
- Presentation of latest research and consulting insights
- Live video stream, chat- und poll function
- Download presentations, whiteboards and recording of the webinar

International Webinars 2017

- World of Tooling
(30th of June, 10:00-10:30am) – **free!**
- Tooling in Germany
(21th of July, 10:00-10:30am) – **free!**
- Industrialization of the Tooling Industry
(11th of August, 10:00-10:30am) – **free!**
- Industry 4.0 in the Tooling Industry
(08th of September, 10:00-10:30am) – **free!**

Register at:

<http://werkzeugbau-akademie.de/en/angebot/weiterbildung-ii/>
Use event password for free webinars: **TMIG2017**

Webinar World of Tooling



30th June 2017


- Presentation of important international tooling markets and future challenges for the tooling industry
- In depth analysis of important tooling markets backed by 2.000 analyzed tool rooms
- Outlook

Contact and Registration for Webinars



Carmen Halm

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Head of Further Education

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 C.Halm@werkzeugbau-akademie.de

Get the most out of your days in Aachen and combine the International Seminar with our Colloquium and Member Meeting



WBA Tooling Days 2017

November, 2017

Thu, 23 rd	Fri, 24 th	Sat., 25 th	Sun., 26 th	Mon., 27 th	Tue., 28 th	Wed., 29 th
Tooling Colloquium	WBA Member Meeting	Recreational Time		International Seminar		

Our special offer to you

	Membership	Benchmarking	Colloquium	Member Meeting	International Seminar	Offer	Saving
Regular fee	€ 10,000 p.a.	€ 8,000	€ 850	Free for members	€ 2,900		
Seminar Option (Colloquium + Int. Seminar)			✓		✓	€3,500	€ 250
Member Meeting Option (Membership + Colloquium + Int. Seminar)	✓		✓	✓	✓	€ 12,500	€ 1,250
Full Package (Membership + Benchmarking + Colloquium + Int. Seminar)	✓	✓	✓	✓	✓	€18,000	€ 3,750



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