

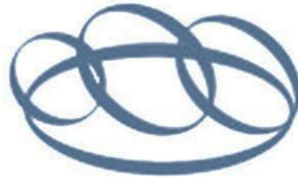
دانشگاه شهید بهشتی

مرکز رشد واحدهای فناوری و کارآفرینی

Shahid Beheshti
Technology Units Incubator



پژواک
پژوهش ایده کاوش (سهامی خاص)
Research & Innovation Co.



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PEZHVAC



Visit Report of
Technical Tour of Tunnel Construction
and Underground Excavation Projects and
Equipments

Switzerland, Austria, Italy

September 24th, 2017 – October 1st, 2017

SOLExperts

Swiss Precision Geomonitoring



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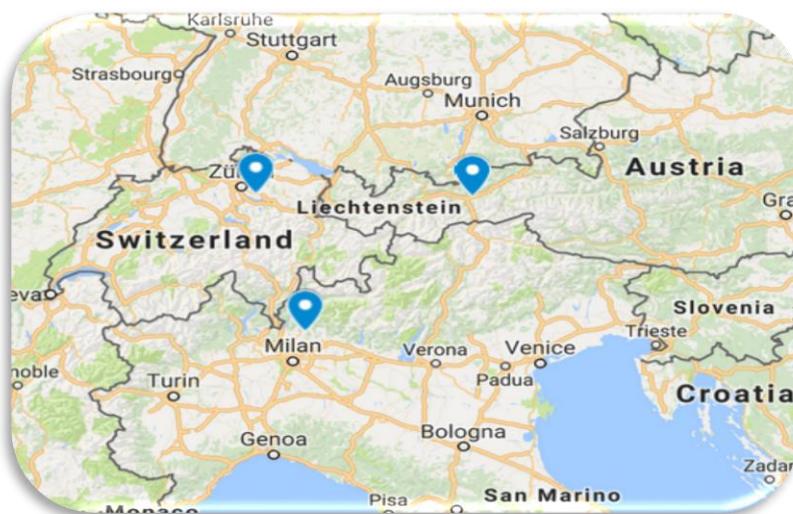
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Technical tour of tunnel construction and underground excavation projects and equipment in Switzerland, Austria and Italy.

In line with Pezhvac Company's goal, eight-day technical tour of tunnel construction and underground excavation sites has been conducted from Sep 24th, 2017 – Oct 1st, 2017 in Switzerland, Austria and Italy. The end of this tour is familiarizing Iranian senior managers and technical experts in the country's civil industry with the most advanced technology in the field, Thereby helping the transfer of the industry modern day technology into Iran.

Special visits were made to companies like Solxrperts AG, Monchaltorf, Switzerland; tunneling Company, Entertunnel blinow & Partner GmbH, Innsbruck, Austria; and Galbiati, Oggionio, Italy.





Date	Day	City/Cities	Plan(s)
24 Sept. 2017	Sun	Tehran Zurich	Arrival in Rome: 24 Sep 2017, 06:55, AZ 757 ALITALIA Arrival in Zurich: 24 Sep 2017, 10:30, AZ 752 ALITALIA Sightseeing in Zurich Residence in hotel, Zurich
25 Sept. 2017	Mon	Zurich	Breakfast: 07:30 - 08:30 Sightseeing in Zurich Residence in hotel, Zurich
26 Sept. 2017	The	Zurich Innsbruck	Breakfast: 07:30 - 08:30 Visit to Solexperts AG (Geotechnical & hydrological equipments and field effects/test) Going to Innsbruck Residence in hotel, Innsbruck
27 Sept. 2017	Wed	Innsbruck	Breakfast: 07:30 - 08:30 Visit to Intertunnel - Blindow & Partner Consulting Company Visit to Amberg Engineering AG Engineering Company Sightseeing in Innsbruck Residence in hotel, Innsbruck
28 Sept. 2017	Thu	Milan	Breakfast: 07:30 - 08:30 Going to Milan Sightseeing in Milan Residence in hotel, Milan
29 Sept. 2017	Fri	Milan	Breakfast: 07:30 - 08:30 Visit to the international Galbiati Group (an active group in mechanical equipments and machineries producing) mechanical Residence in hotel, Milan
30 Sept. 2017	Sat	Milan	Breakfast: 07:30 - 08:30 Sightseeing in Milan Residence in hotel, Milan
1 Oct. 2017	Sun	Milan Tehran	Breakfast: 07:30 - 08:30 Arrival in Rome: 01 Oct 2017, 12:10, AZ 2045 ALITALIA Arrival in Tehran: 01 Oct 2017, 22:40, AZ 756 ALITALIA



List of attendees in the Tunnel Construction Technical Tour:

ROW	NAME	SURNAME	COMPANY	POSITION
1	MOHAMMADHOSSEIN	ALI NIA	GOVERNORSHIP OF NORTH KHORASAN	DEPUTY OF CIVIL AFFAIRS OF GOVERNOR
2	TAHA	GHASEMPOUR	GOVERNORSHIP OF NORTH KHORASAN	CONSULTANT OF NORTH KHORASAN'S GOVERNOR
3	YAZDAN	ANBARI	GOVERNORSHIP OF NORTH KHORASAN	MANAGER OF TECHNICAL OFFICE CIVIL AFFAIRS AND TRANSPORTATION
4	JAVAD	ZAREEI	GOVERNORSHIP OF NORTH KHORASAN	MANAGER OF COOPERATION ORGANIZATION OF NORTH KHORASAN'S MUNICIPALITIES
5	ALI	KOHANDEL	PEYKARBETON SALOUK COMPANY	CEO
6	MOHAMMAD	REZAPOUR	RAHAHAN RAH COMPANY	SUPERVISOR ENGINEER OF KHORASAN PROJECTS
7	MASOUD	GHADRI	PAVAN COMPANY	PROJECT MANAGER
8	MAHMOUD	DEGHAN ZADEH	BOLANDPAYEH SEPEHR ATRACK COMPANY	HEAD OF THE BOARD
9	ALIREZA	HONARVAR HASSAN ABAD	MINISTRY OF ROAD AND URBAN DEVELOPMENT	MANAGER OF PROJECT DEPARTMENT AT CONSTRUCTION AND DEVELOPMENT OF TRANSPORTATION INFRASTRUCTURES COMPANY
10	JAVAD	SOLEYMANI	KEYHAN RAH SHARGH COMPANY	CEO
11	HASSAN	HOUSHMANDI	HYDROTEK TOOS COMPANY	MEMBER OF THE BOARD

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Companies:



Company Name	Solexperts AG	
Company Location	Monchaltorf, Switzerland	
Visit Location	The Company	

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<p>Area of Specialization</p>	<p>Solexperts AG is conducting massive projects; geotechnical & hydrological equipment and field effects/tests. Projects include: tunneling, hydraulic constructions, specific foundations, wind energy provision firms and, finally, disquisitional projects for nuclear trash materials, separation of dioxide carbon and their storage. AG was established by Giovani Rodio in 1947. It was counsel engineers company and soil mechanic laboratory till 1973. AG, by 20 employees, from 1990, became an independent company in Switzerland, France (Solexperts, Farnce Sarl) and Germany (MeSy- Solexperts Gmbtl). Engineers, hydrologists, IT specialists and Geophysicists (by providing mechanic and electronics workshops), have congregated in order that measurement techniques and tools be developed.</p> <p>By having authentic and experienced staffs, the company has achieved an international reliability. Aquaculture of the company is traditional. Apropos to preserve the environment and proper rudiment of nourishment, their policy is high quality products. This company welcomes so many visitors every year in a verdure, calm and splendid circuit. The company of Pisiocoolter Doviet is nurturing and selling types of fish; salmon, carp and caviar. It is necessary to mention that products of the company are produced just for three reasons: filling fish pools, cooking and selling (at the region). It is worth saying that in the workshops of the company, salmon are smoked. Moreover, it is able to make canned fish. Products are being sent to every parts of France. Because of having fish pools, especially for children, the company welcomes un/professional fishers under appellation of family tours and explanatory camps. On the whole, the adult can do fishing in fish pools, especially for adult, as well.</p>
<p>Visit Concept</p>	<p>Visit to the company</p>



GmbH



Company Name	Tunneling Company Intertunnel blinow & partner consulting GmbH	
Company Location	Innsbruck, Austria	
Visit Location	Company	
Area of Specialization	<p>Tunneling services are the specialties of GmbH, including;</p> <ol style="list-style-type: none"> 1. Necessary cost accounting 2. Help and consultation while conducting projects 3. Tunnel construction and management 4. Quality management and (and the possibility of) risk 5. Protestation management and consultation from experts <p>By taking advantages of well- grounded collaborators and on the basis of high experience, the company presents apposite solution for tunneling. It was established in 1944. Cost management along the thriftiness of customers, is one of the priorities of the company.</p>	




Visit Concept	Visit to the company
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Galbiati



Company Name	Galbiati	
Company Location	Oggionio, Italy	
Visit Location	Company	



<p>Area of Specialization</p>	<p>Galbiati is an international group. It is famous for its high quality production of mechanical equipment and machineries; In fact, they are specialties of the company. The specialty has made the company to be known more and more. Galbiati, from 1962 till now, has taken part in those field of working which they need high quality machineries and mechanical niceties. It can be generally indicated that main activities of Galbiati group are under appellation of: steel, energy, astronomy, power transfer and general industry of mechanic. Producing and taking advantages of mechanical machineries for all specific groups; design, production, and factories & equipment modification; are the specialties of the company.</p> <p>Different part of the company:</p> <ul style="list-style-type: none"> - Production unit and mechanical machineries, including: advanced mechanical equipment (NC boring, drilling, milling and turning). - Production unit of amplifier & destructive cogwheel/gear and transferring mechanical power including alteration and modification. - Engineering unit and producing mechanical machineries including tunnel boring machine TBM and hydraulic mechanical presses. - Specific sets for penetrating laminates and etc.
<p>Visit Concept</p>	<p>Visit to the company</p>

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SOME IMPORTANT PICTURES OF THE GROUP VISITING TUNNEL CONSTRUCTIONS AND UNDERGROUND EXCAVATION IN SWITZERLAND, AUSTRIA, AND ITALY



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