Greetings!

It is our great pleasure to announce the official release of the VOCTEC Solar Mobile Training Toolkit - Light (MTT-L) to the global marketplace. We are offering special introductory pricing until end of March 2016. Please read below for additional product and ordering information.

~ The ATIC team

**VOCTEC Mobile Training Toolkit (MTT)**

The VOCTEC MTT product line is a portable and complete solar PV training laboratory for educational institutions and other training organizations, in the emerging and developing world. Each MTT incorporates all major solar PV components of a typical Solar Home System (SHS). It includes necessary test equipment, required tools and supplementary educational materials to conduct vocational, hands-on training exercises as for students, installers and other professionals. The MTT consists of all solar PV components, parts, measurement devices and accessories to install, operate and maintain a complete stand-alone solar home system.

Pictured above: MTT-E (left) and MTT-L (right) fully assembled

With the release of the new MTT-L, the MTT product portfolio currently consists of two versions: 1) MTT Extended (MTT-E) and 2) MTT Light (MTT-L). Both versions come in rugged and heavy-duty transport and storage cases with all components and parts safely contained in multi-layer foam. The new MTT-L is a smaller version of the
The MTT also contains a complete hands-on training curriculum for educators to teach students all elements of solar PV technologies from the fundamentals (electricity and PV), system components, design, installation, operations, maintenance and troubleshooting through hands-on exercises. So far, more than 100 units have shipped to institutions in the Americas, the Caribbean, sub-Saharan Africa, Asia and Oceania.

Both MTT versions include a user-friendly, outdoor-suitable and visually rich solar PV training manual, designed for instructors and educators from universities, technical colleges, vocational schools and other training organizations. The VOCTEC Solar PV Hands-on Training Manual is an essential companion teaching tool complementary to the respective solar PV classroom training modules. The manual contains a step-by-step picture guide for setting up and disassembling the MTT, making it easy for students to complete the process. Detailed and visual exercises along with worksheets for instructors and students are included and organized by training topic. Each training topic complements the classroom training modules and assists the instructor to conduct practical, hands-on solar PV related training exercises for students, technicians, electricians and other professionals, from solar fundamentals, system components, design and installation, and operation and troubleshooting. The current version of the MTT training manual is in English, but other language versions, such as French or Spanish, can be made available by request.

Mobile Training Toolkits: MTT-L and MTT-E

MTT Light (MTT-L)

- Weight: 21kg
- Dimensions: 57.2 x 39.4 x 30.5 cm
- Cost: $2500 USD*
  Cost at 20% off: $2000 USD*
  *plus shipping and handling, contact us for volume pricing

MTT Extended (MTT-E)

- Weight: 65 kg
- Dimensions: 95.3 x 68.9 x 36.5 cm
- Cost: $5000 USD*
  *plus shipping and handling, contact us for volume pricing

Email for more information

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Interview with the Co-Inventor

Bulent Bicer
Project Manager and Co-Inventor of the Mobile Training Toolkits

Why was the MTT developed?

"A practical and hands-on capacity building approach on solar PV energy systems is the most critical training element for a well-qualified technical workforce. However, we have seen that the lack of an appropriate teaching infrastructure has been a big hurdle for many local training institutions in many parts of the world. As part of its Vocational Training and Education on Clean Energy (VOCTEC) program, the Photovoltaic Reliability Laboratory at Arizona State University conceived and developed a portable and comprehensive solar photovoltaic (PV) training laboratory "out-of-a-box", called Mobile Training Toolkit (MTT)."

What makes the MTT unique?

"The MTT combines all necessary solar PV components and parts with a complete vocational training manual for hands-on exercises into a portable training laboratory for educational institutions and organizations. Basically, the MTTs enable the institutions and their instructors to complement any classroom trainings with critical practical hands-on exercises."

Who will benefit from the MTTs?

Email for more information
"Every organization that is involved in training students and professionals in solar PV technologies will benefit from the MTTs. We have shipped MTTs to technical universities, polytechnic schools, community colleges and NGOs in countries all over the world. In fact, we have also been using the MTTs and the curriculum to teach a renewable energy course for undergraduates here at ASU."