

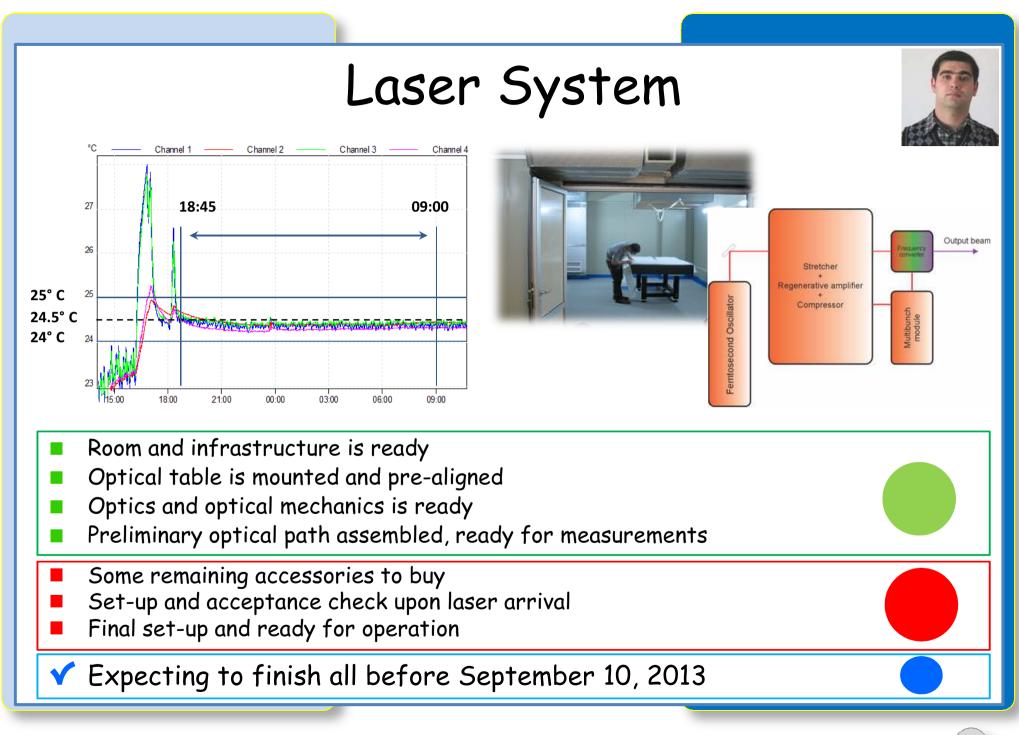
# Building & Infrastructure



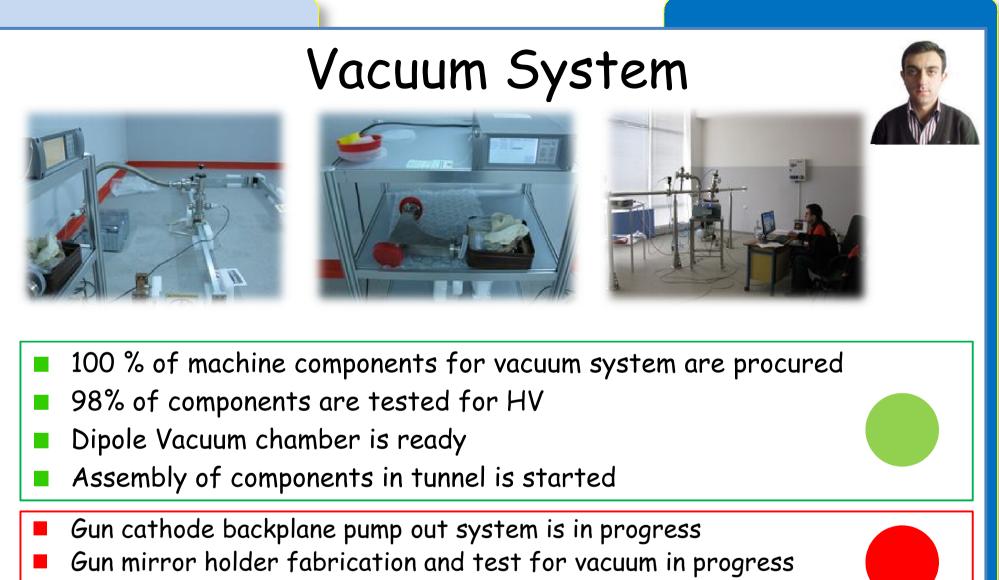


- All construction works are finished
- Thermal stabilization & ventilation system is finished
- Water, power, networking, communication is ready
- General mounting works in laboratories are finished
- Minor mounting work for machine sub-systems
- Marks and signs placement
- Furnishing the laboratories

Expecting to finish all before August 15, 2013

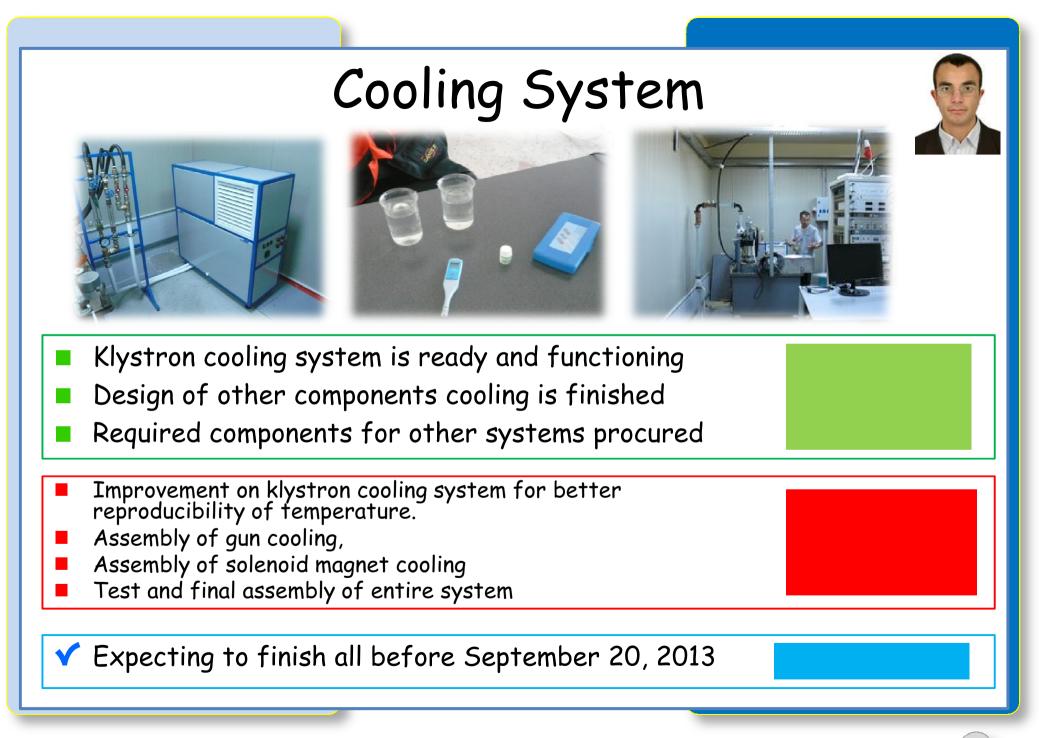


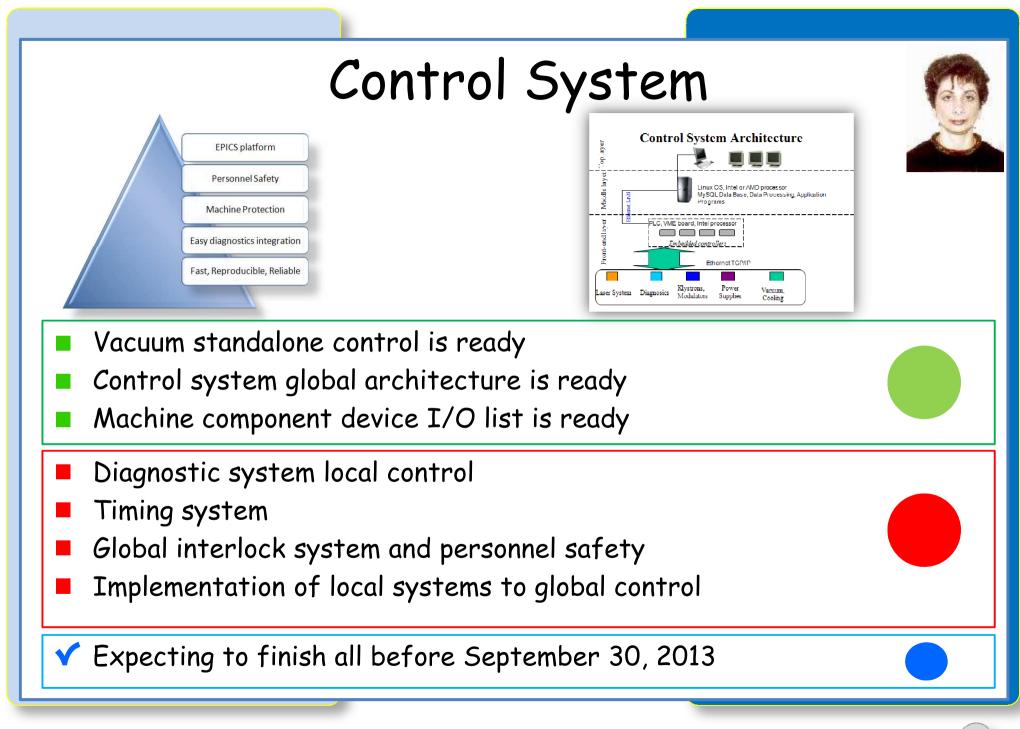
RF System
<ul> <li>Infrastructure, cabling, power, etc. are ready</li> <li>RF System equipment is complete and mounted in place</li> <li>LLRF, MO, pre-amplifiers, klystron and other components are tested</li> <li>Modulators are ready</li> <li>Final assembly at operating locations is finished</li> </ul>
<ul> <li>Waiting for RF pre-amplifier to be repaired</li> <li>Minor work on digitizing analog interlocks</li> <li>Final test of entire system</li> <li>Full power RF with LLRF and high power conditioning</li> </ul>
Expecting to finish all before August 22, 2013



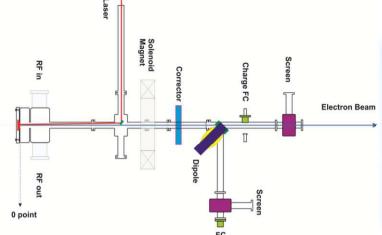
Final assembly of entire linac

Expecting to finish all before August 15, 2013





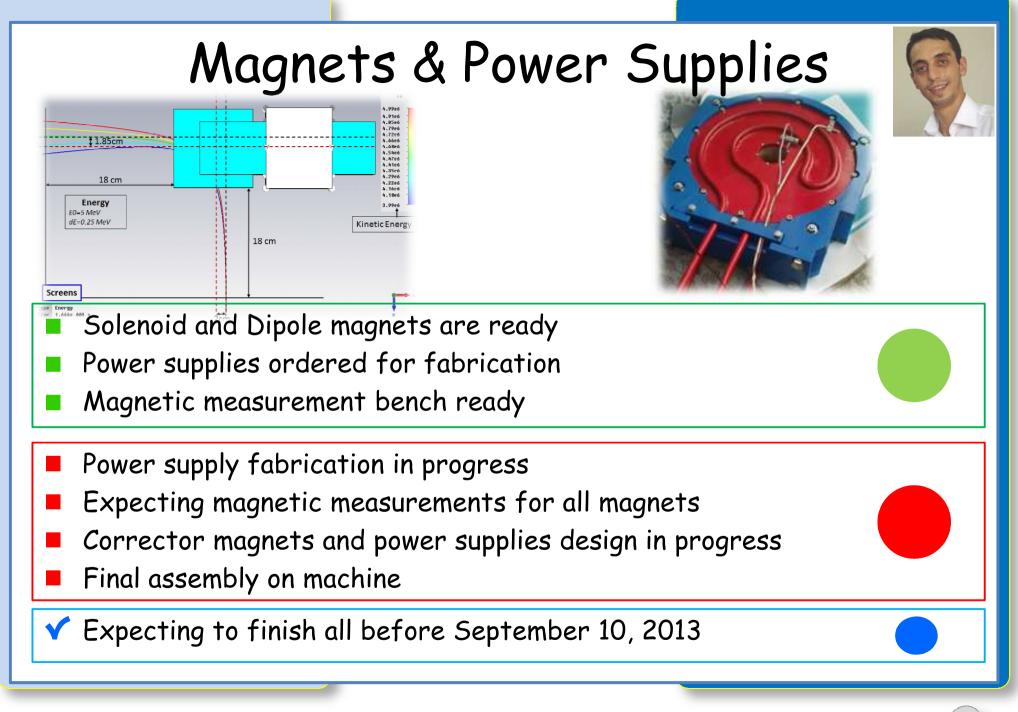
#### **Beam Diagnostics**





- Nominal setup of diagnostics for Phase 1 is ready
- Diagnostics components ready
- Vacuum components for diagnostics ready
- 95% of required equipment is procured
- Vacuum test of components is done
- Assembly of components in progress
- Electronics for diagnostic devices in progress
- Procurement of remaining items in progress
- Control system for diagnostics in progress
- Final assembly of machine

Expecting to finish all before September 25, 2013

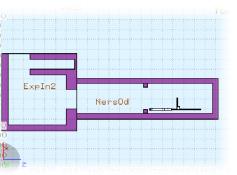


#### Radiation Safety







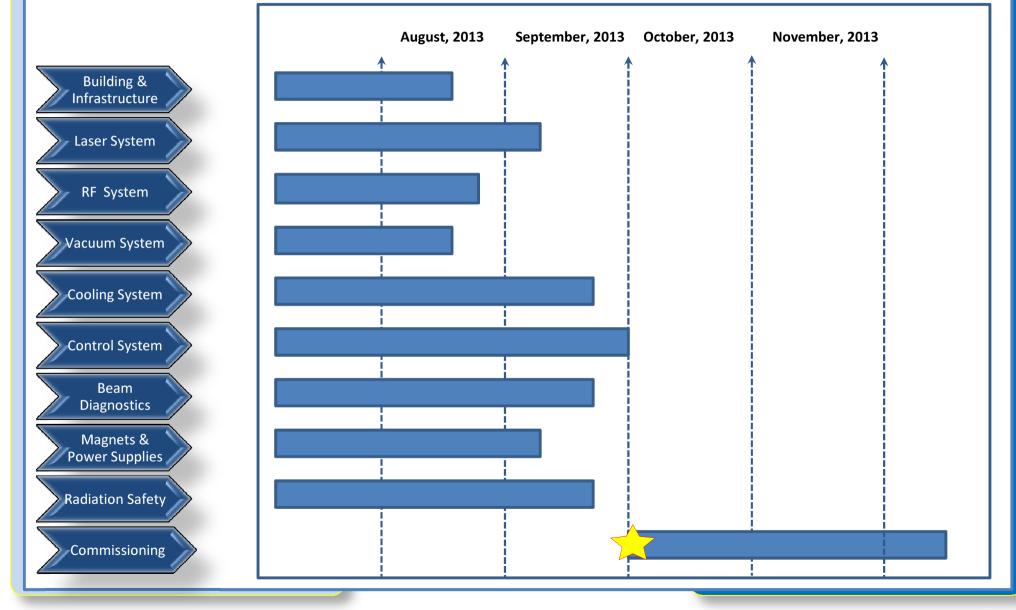


- Calculations of radiation level for both operation modes arefinished
- Radiation Safety equipment is procured
- Personnel safety concept is ready
- Tunnel, laser room, RF room radiation safety is provided
- Personnel safety interlock system integration in global control system in progress
- Mounting and assembly of safety equipment in progress
- Final assembly and test of radiation safety alarms and interlocks

Expecting to finish all before September 20, 2013



## Time Schedule



### Summary

- More than 95% of machine components are at CANDLE
- Assembly of systems in parallel with alignment work is started
- Most of the tests (Vacuum, RF, MO, etc.) are finished
- All the general components procurement is finished

