



WMO/IOC/UNEP/ICSU
GLOBAL CLIMATE OBSERVING
SYSTEM (GCOS)

Doc. 5.10
(16.II.2011)

**3rd GRUAN Implementation-
Coordination Meeting (ICM-3)**

Queenstown, New Zealand
28 February – 4 March 2011

Session 5

Site report: Potenza, Italy

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Summary and Purpose of Document

This document contains an overview of the measurement programme at the Potenza site with respect to GRUAN requirements, and addresses the questions to be discussed in this session.

Highlights from Potenza site

1. One RS92-SGP launch per week has been established in 2010 and routinely performed since the mid of 2011.
2. Dual launches using both the automatic and manual system have been performed (routinely since the very beginning of 2011 one time per month)
3. Dedicated water vapour lidar measurement during RS launches are performed
4. A request has been submitted to VAISALA for the purchase of a set of RDD-100 prototype sondes for testing and future operational implementation.
5. Potenza GPS data are waiting for being processed by NOAA (already routinely uploaded on the NOAA ftp processing site)
6. Routine operations are continuing
7. RS and microwave radiometer measurement protocols are under evaluation and local operation manuals will be soon on line on CIAO website.
8. Handbook of instruments will be available on line by end of 2011.