

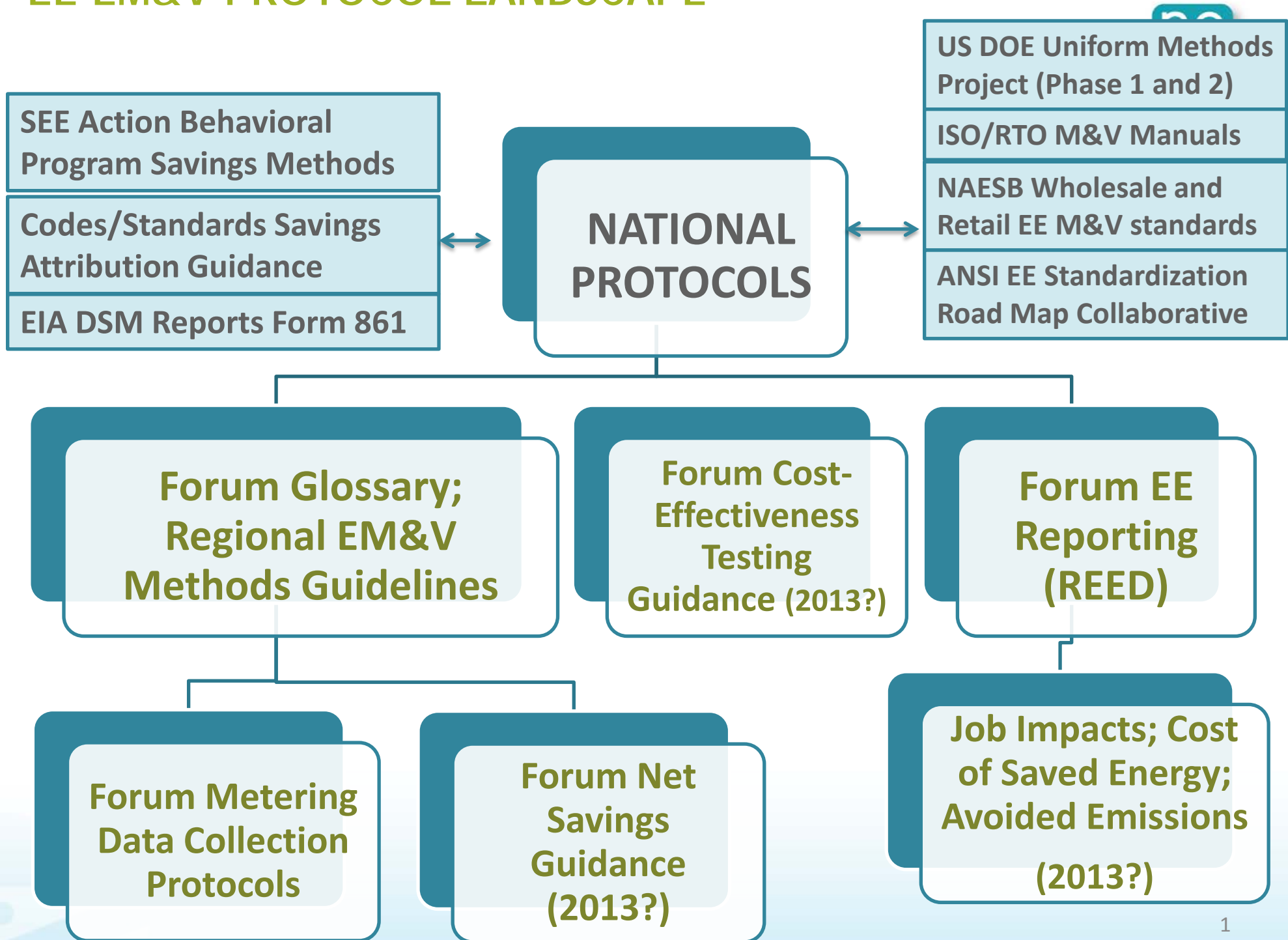


NORTHEAST ENERGY EFFICIENCY PARTNERSHIPS

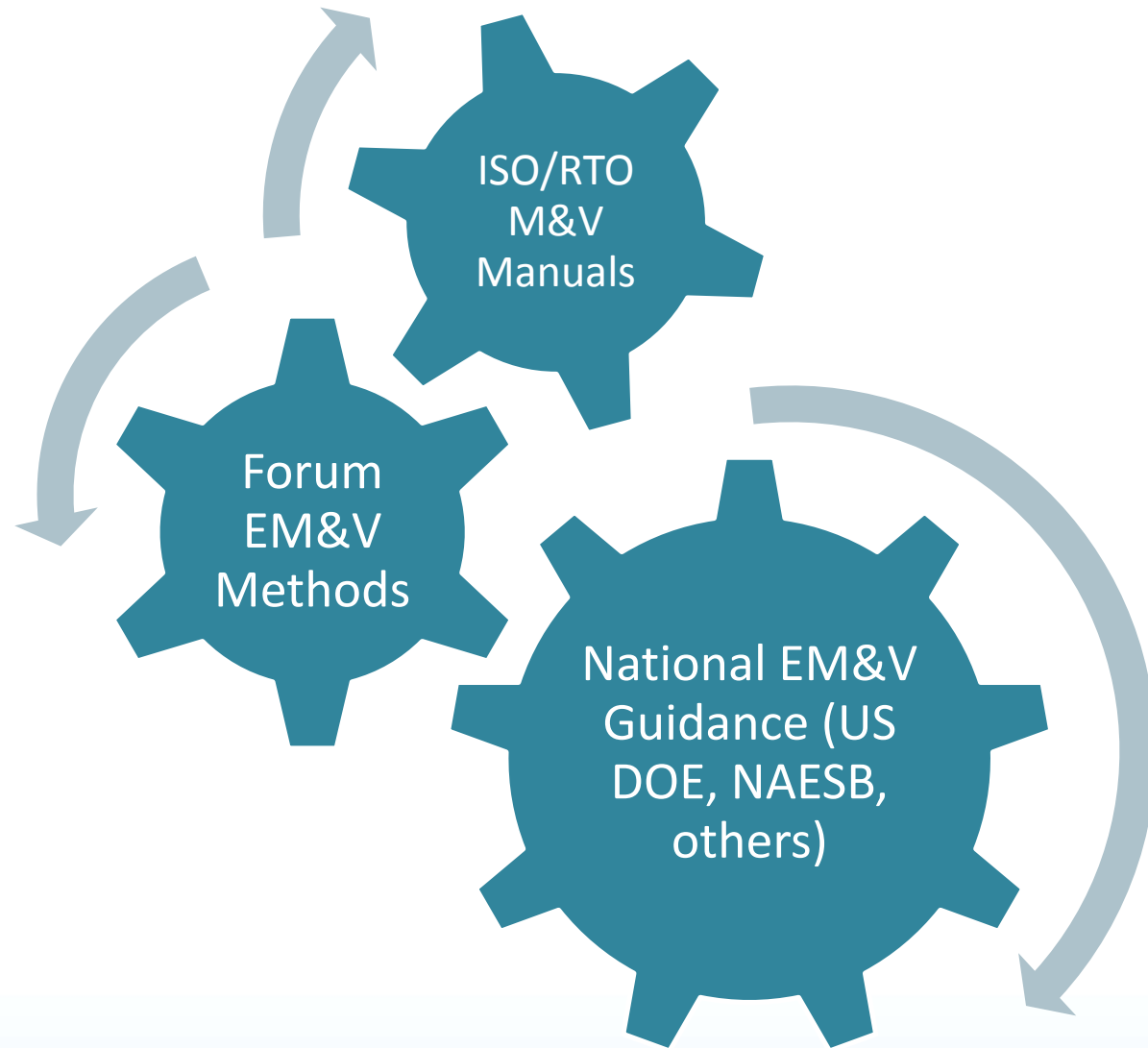
Regional EM&V Forum EM&V Methods Protocol Development Overview

December 12, 2012
Forum Annual Public Meeting

EE EM&V PROTOCOL LANDSCAPE



EM&V Methods Guidance - Building Consistency within the Forum Region and with National Efforts



EM&V Methods Guidance

Status of Various Regional/National Efforts*



EM&V Methods Guidance	Audience	Scope/Level of Detail	Status
Forum Regional EM&V Methods Guidelines	Forum states: PUCs, PAs, Air agencies	14 measures; moderate detail; recommended level of certainty, references IPMVP and ISO/RTO standards	Completed 2010
ISO-NE/PJM M&V Manual	EE Providers	High level; prescribed level of certainty	ISO-NE June 2012 version; PJM RPM EE Manual version 2009
US DOE / SEE Action Model Impact Evaluation Guide	PAs, PUCs	High level, EM&V framework, general info on methods, references IPMVP	2008 version, updated version forthcoming Dec 2012
US DOE Uniform Methods Project (UMP)	PAs, PUCs	Detailed guidance on selected EE measures, references IPMVP	Phase 1 Dec 2012 publication; Phase 2 add'l measures in 2013
NAESB M&V Standards	NARUC	High level - wholesale/retails, builds on ISO/RTO M&V manual	Wholesale M&V standards adopted by NAESB - before FERC. Retail MBPs developed August 2012
ANSI EE Standardization Coordination Collaborative	not clear	Review of protocols and standards across to country	EESCC EM&V Working Group kick off meeting Dec 13 2012

* Does not include overview of CA or Northwest protocol efforts/developments

What we hope to avoid...?



HOW STANDARDS PROLIFERATE:
(SEE: A/C CHARGERS, CHARACTER ENCODINGS, INSTANT MESSAGING, ETC.)

