

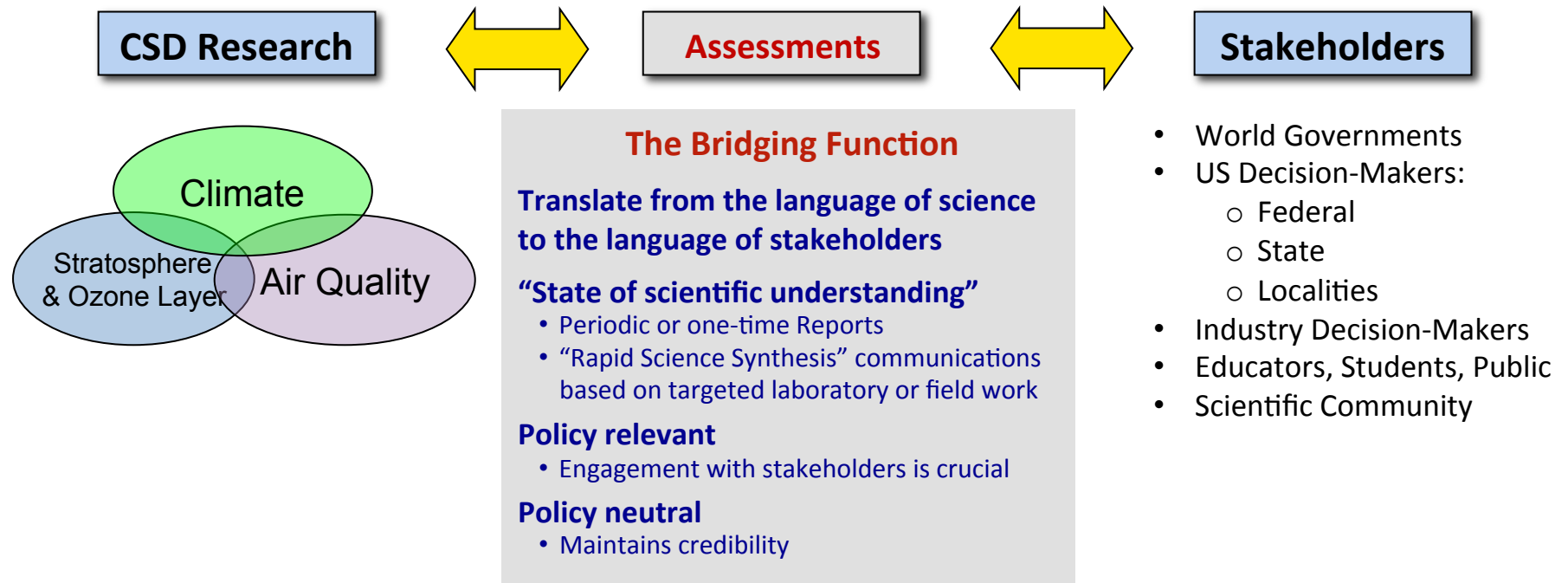
## Research to Applications:

CSD's Leadership and Contributions In Scientific Assessments

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### CSD and Assessments: A Large and Diverse Effort



**A wide range of roles:** Leaders – Authors – Contributors – Reviewers – Coordination – Communication

**Covering all 3 major environmental issues:** Stratospheric Ozone Layer – Climate – Air Quality

**Reaching a full spectrum of Stakeholders:** local → global

**With impacts that are far-reaching in space and time:** local → global now → future



## A Look Ahead

**CSD is well positioned to continue leading and contributing to assessments that will inform decisions of the 21<sup>st</sup> century.**

### Some Examples

Already in progress...	Time Frame	CSD roles
IGAC "Tropospheric Ozone Assessment Report"	2014-2017	O. Cooper (co-lead)
SPARC 2 <sup>nd</sup> Water Vapor Assessment (WAVAS-2)	2008 to ~2016	K. Rosenlof (co-lead)
Regional Assessment: SONGNEX (Shale Oil and Natural Gas Nexus)	2015 deployment	J. de Gouw (lead)
Regional Assessment: FIREX (Fire Influence on Regional and Global Environments Experiment)	2015-2019 deployments	J. Roberts, C. Warneke, and J. Schwarz (co-leads)
Laboratory Assessments of Replacement Compounds (HFO-1234ezy, HCFC-133a, ...)	ongoing	J. Burkholder (lead) with several CSD co-investigators

Expected	Time Frame
WMO/UNEP Ozone Assessment	2017-2018
IPCC AR6	TBD
JPL Kinetic Data Evaluation	Fall 2015
Aviation	TBD

