

**Proactive Governance of Emerging Technologies:
Top Ten Activities to Improve International Regulatory Cooperation**

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This paper provides a “top ten” selection from a more complete systematic checklist to guide proactive bilateral and international regulatory cooperation (in the sense of “alignment” or “harmonization”) in the context of emerging technologies. The checklist is structured along a life-cycle starting with pre-regulatory activities and ending with post-regulatory processes as follows:

- (1) Pre-Regulatory Policy Development; Early Risk Identification*
- (2) Joint Regulatory Agenda Setting and Work Planning*
- (3) Common Submission Requirements*
- (4) Coordinated Review Procedures and Product Requirements*
- (5) Coordinated Compliance and Enforcement Programs*
- (6) Post-Regulatory Alignment, Collaboration and Agreement*

The background research for this checklist is based on a series of interviews with American and Canadian experts carried out in late 2013 as well as studies of previous examples of international regulatory alignment.

We identified 18 priority targets for regulatory alignment of which we will present what we judge the “top ten” based on urgency, importance and feasibility.

Our aim is to inform the regulatory debate on how to best develop proactively aligned regulatory programs for emerging technologies in bilateral (e.g., USA-Canada) and international contexts.