

# **VIIConsortium Overview of Policy Development Activities**

Barbara Wendling, Mercedes-  
Benz/VIIC

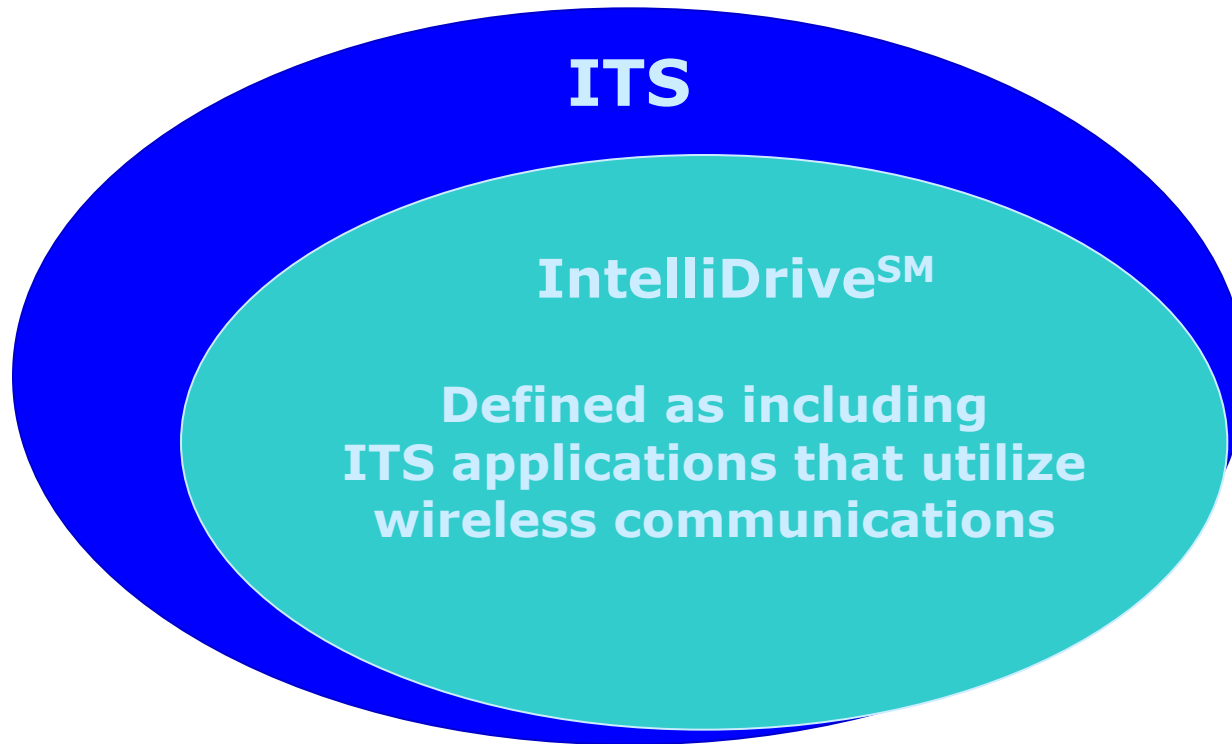
# Intelligent Transportation System

## **ITS**

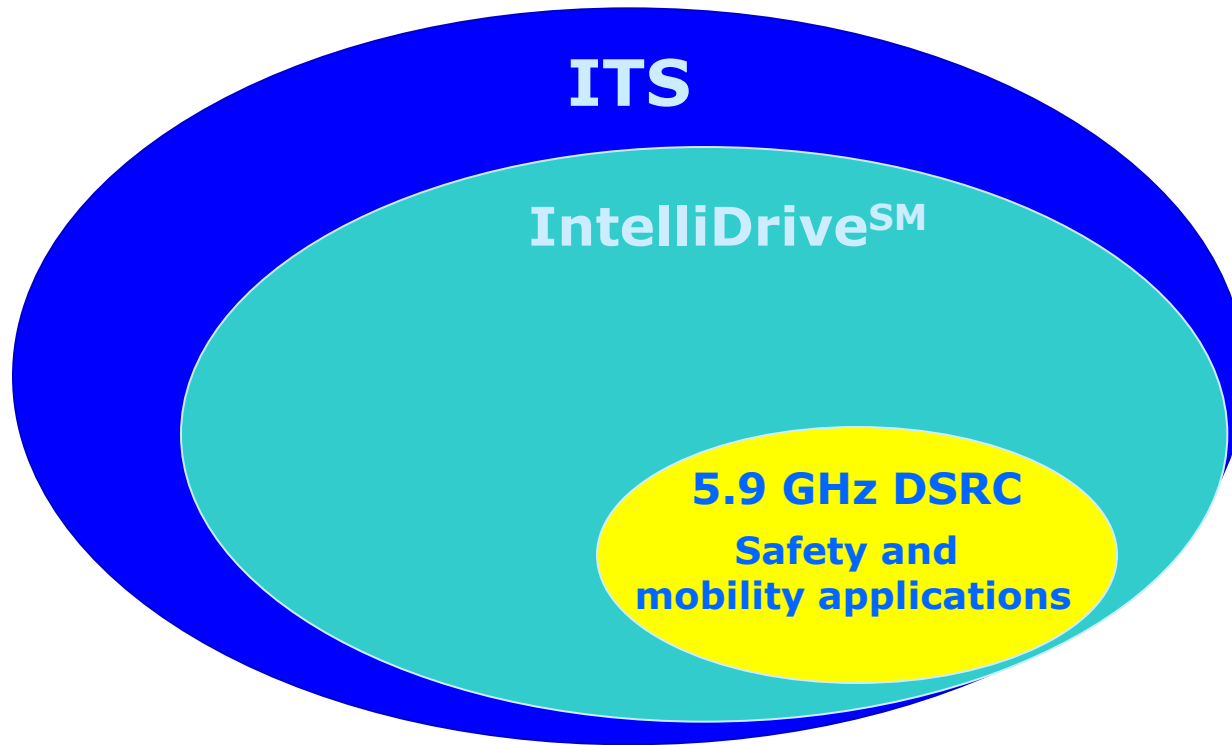
**...generally defined as applications that use "intelligence" (i.e., information technology) in vehicles and/or infrastructure to enhance the movement of people and goods.**

**ITS may or may not include wireless communications**

# ITS & IntelliDrive<sup>SM</sup>

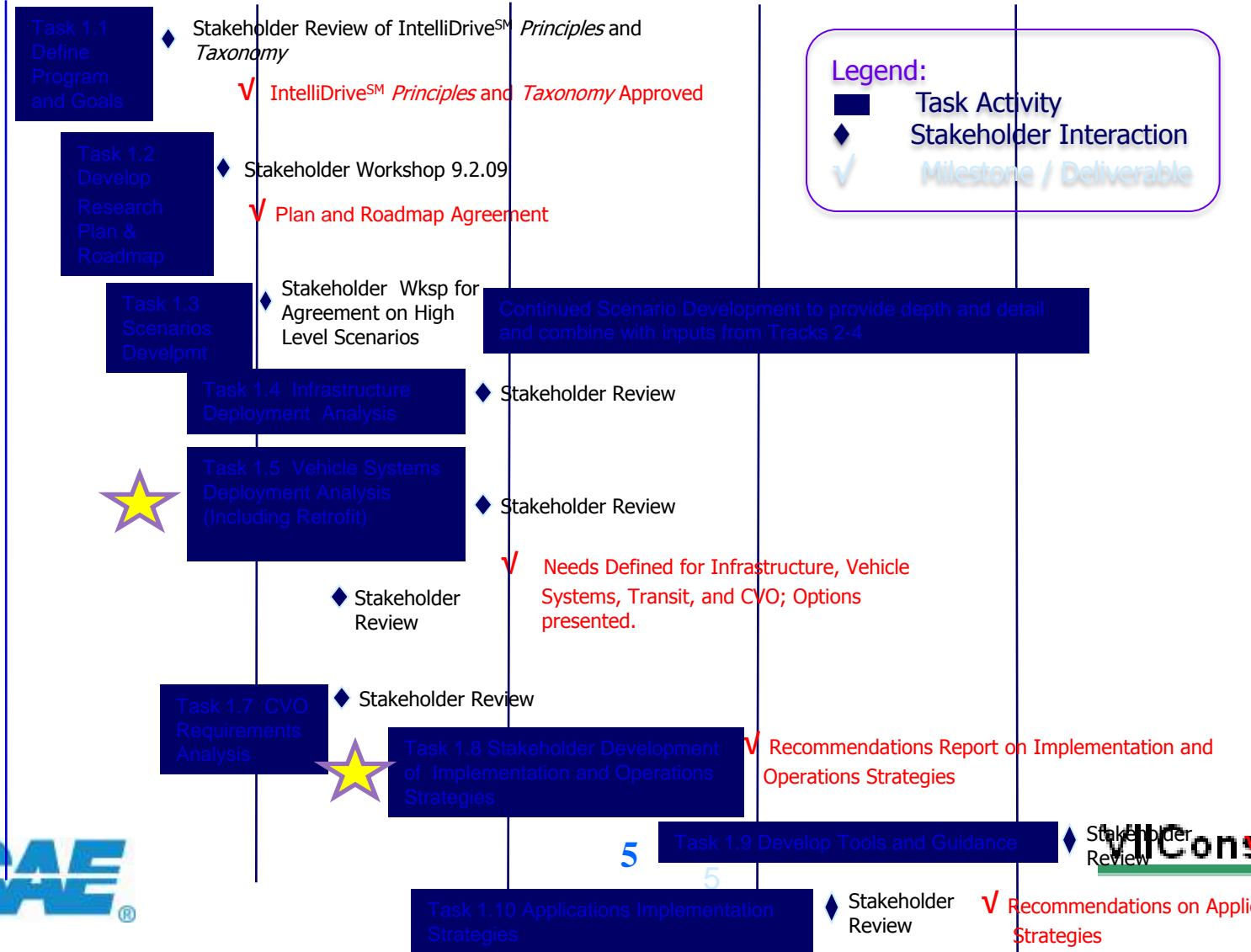


# IntelliDrive<sup>SM</sup> & 5.9 GHz DSRC



\* DSRC: Dedicated Short Range Communications

# IntelliDrive<sup>SM</sup> Policy Research Plan



**Legend:**

- Task Activity
- ◆ Stakeholder Interaction
- ✓ Milestone / Deliverable

**TRACK 1**

**Deployment Scenarios and Implementation and Operations Strategies**



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## **Task 12 - Retrofit Research Task**

Task 12 of the Policy Work Order is based upon the identified need to accelerate the realization of safety benefits from the deployment of a 5.9 GHz DSRC system.

# Task 12 Subtasks

Task 12 is divided into five main subtasks of work

- ▶ Literature and Technology Review
- ▶ Potential Benefits
- ▶ Deployment Impact
- ▶ Final Report
- ▶ VIIC – SEMA Meeting

## **Subtask 1 – Literature Search**

This subtask will collect and analyze available literature and technical research results regarding technical requirements for and capabilities of retrofit 5.9GHz DSRC devices in motor vehicles.

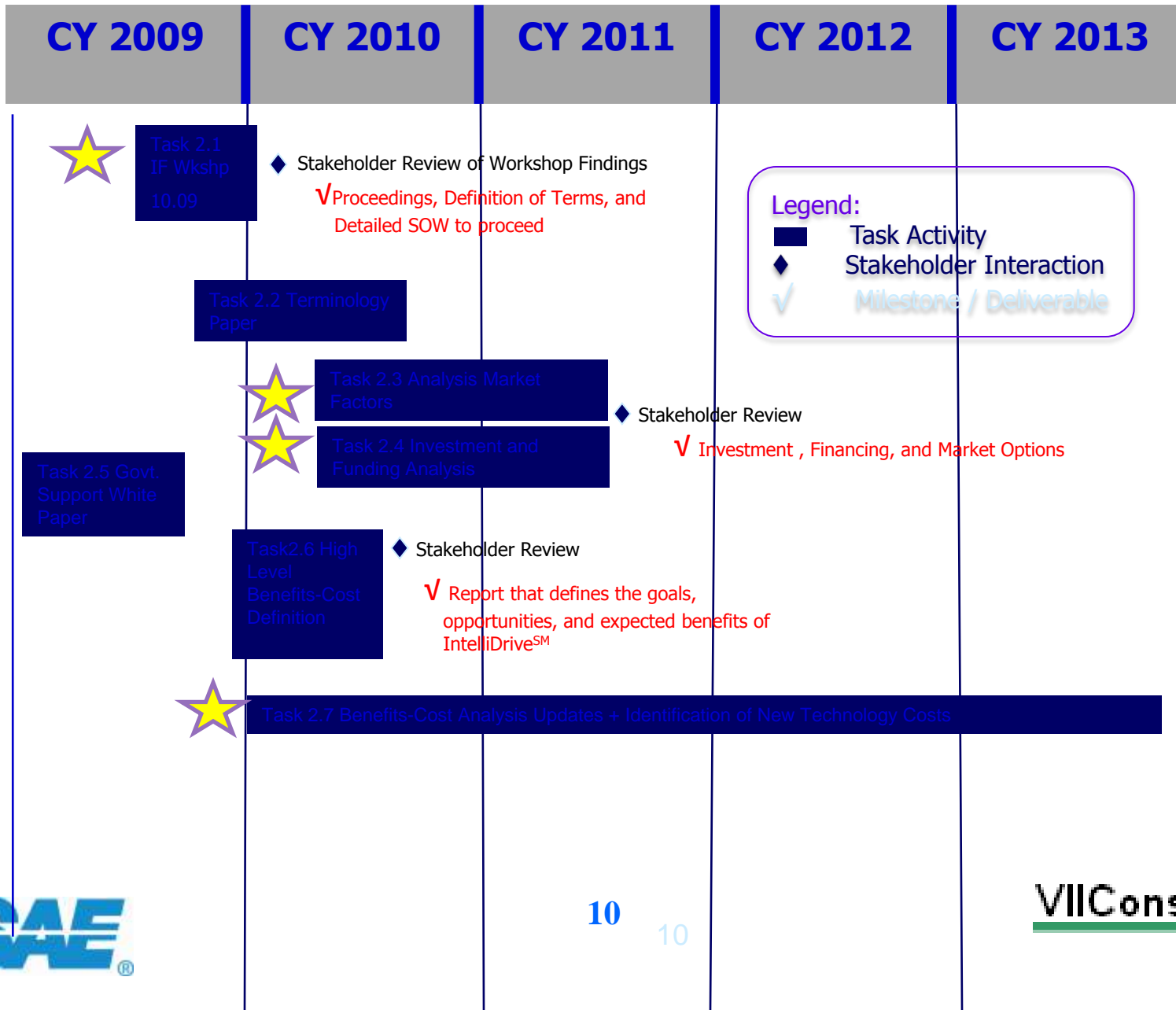
Subtask 1 Interim Report was submitted to USDOT on October 26, 2009

## Subtask 2 Activities

There are four key elements to be completed in Subtask 2:

- ⇒ Identification of safety benefits metrics relative to retrofit devices with Volpe benefit/cost analysis team
- ⇒ Discussion/agreement with Volpe benefit/cost analysis team on potential safety benefits and,
- ⇒ Identification of any limitations associated with retrofit deployment
- ⇒ Recommendation for retrofit installations

# IntelliDrive<sup>SM</sup> Policy Research Plan



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TRACK 2

Investment Models



10 10

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CY 2009	CY 2010	CY 2011	CY 2012	CY 2013
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Task 3.1  
Gov.  
Needs  
Summary

◆ Stakeholder Review

✓ Report on Governance Needs



Task 3.2  
Governance  
Framework  
Alternatives  
Analysis

◆ Stakeholder Workshop

✓ Report on Governance and  
Regulatory Options and  
Recommendations



Task 3.3 Rules of Use,  
Operation, Enforcement  
(follows from Stakeholder  
agreement of Deployment  
Scenarios in Track 1)

◆ Stakeholder Workshop

✓ Initial Recommendations on Rules  
of Use, Operation, and  
Enforcement

**Legend:**

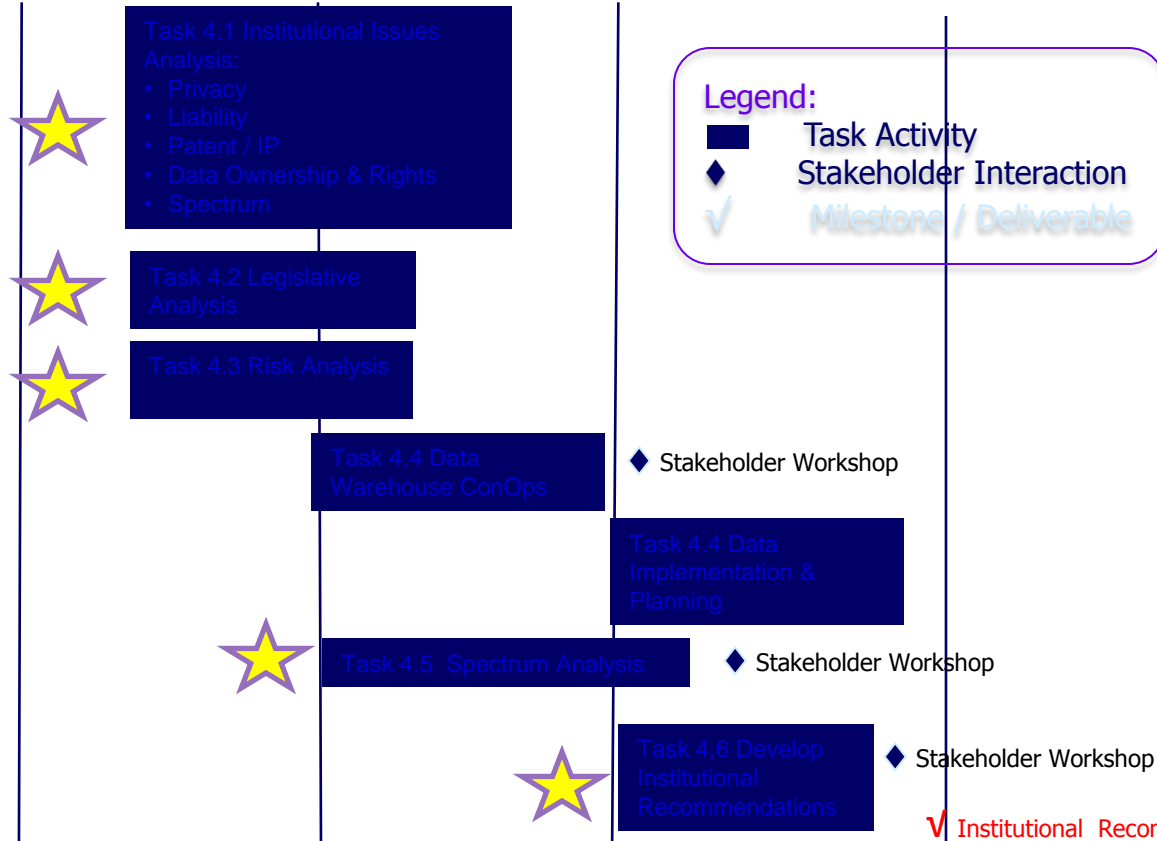
- Task Activity
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## TRACK 3

Governance  
Models

# IntelliDrive<sup>SM</sup> Policy Research Plan

CY 2009	CY 2010	CY 2011	CY 2012	CY 2013
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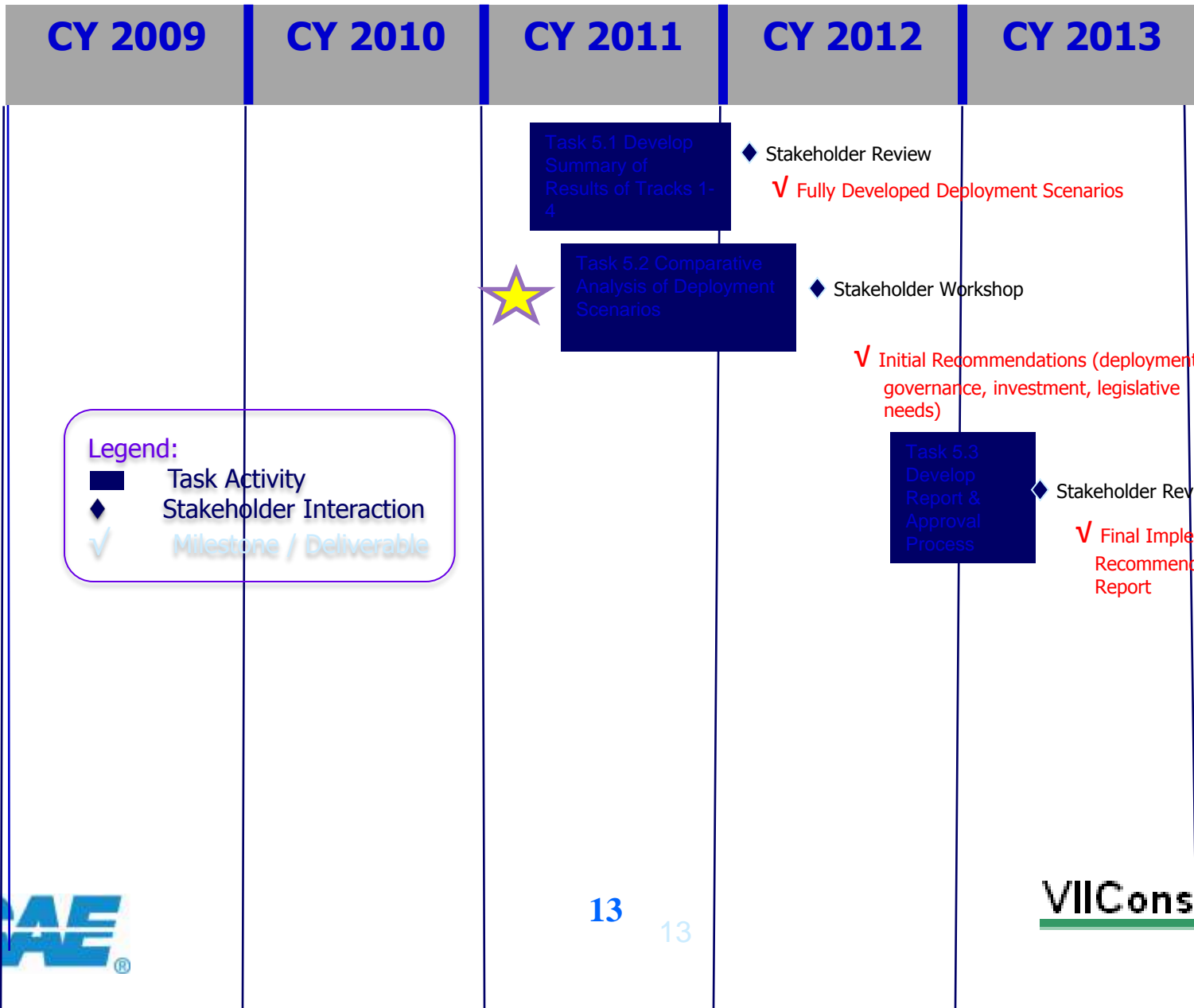
**TRACK 4**

Institutional Issues



12 12

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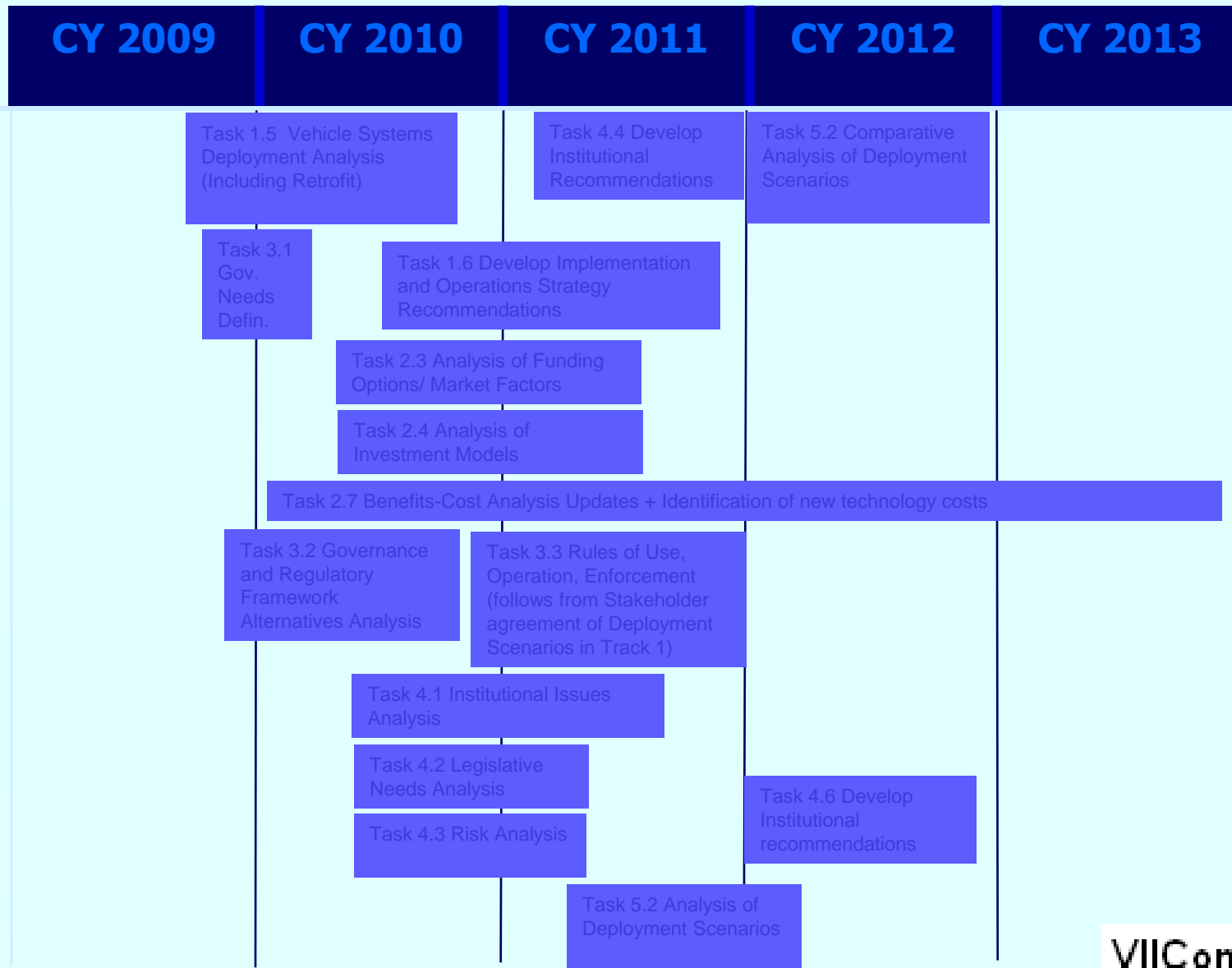
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**TRACK 5**

Comparative Analysis and Comprehensive Reporting

# VIIC Board-Approved Cooperative Policy Research Timeline



## Conclusion

The VIIConsortium is actively working with stakeholders to resolve the policy issues related to achieving the safety and mobility benefits within the DSRC focus of IntelliDrive<sup>SM</sup>