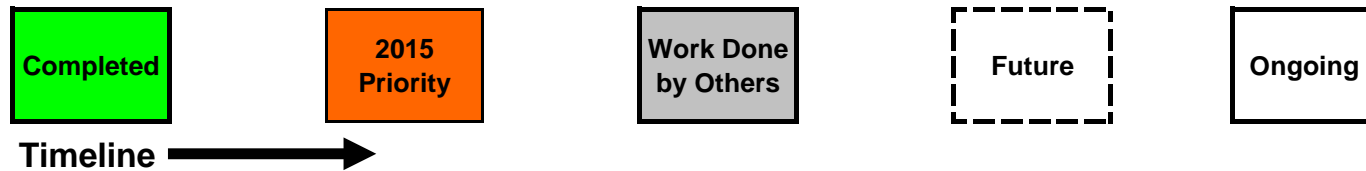
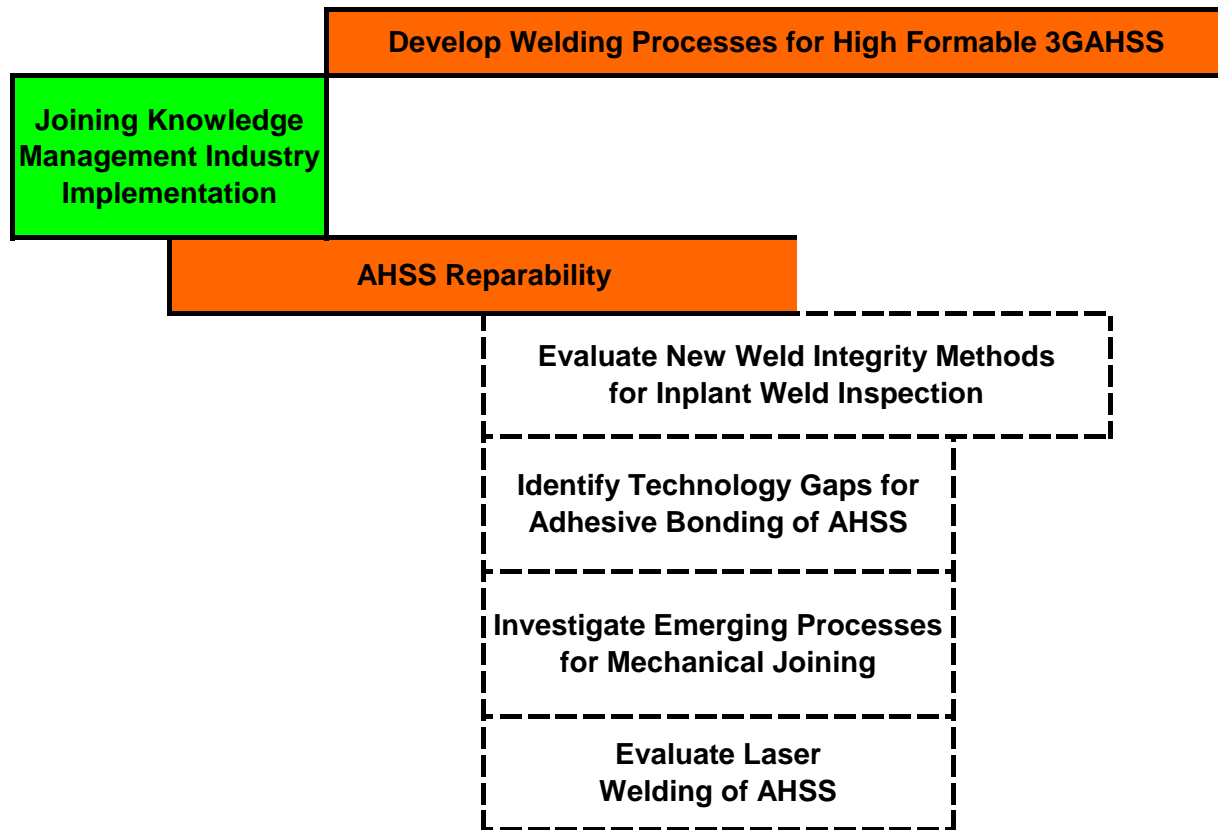


Auto/Steel Partnership Technical Roadmap: Joining



2012	2013	2014	2015	2016	2017	2018	2019	2020
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Important Work / Out of Scope for A/SP:*
Multimaterial Joining - USCAR (TBD)
Weld Modeling - ORNL and Others
Welding Impact on Microstructures of Various AHSS / UHSS

* no specific timeline