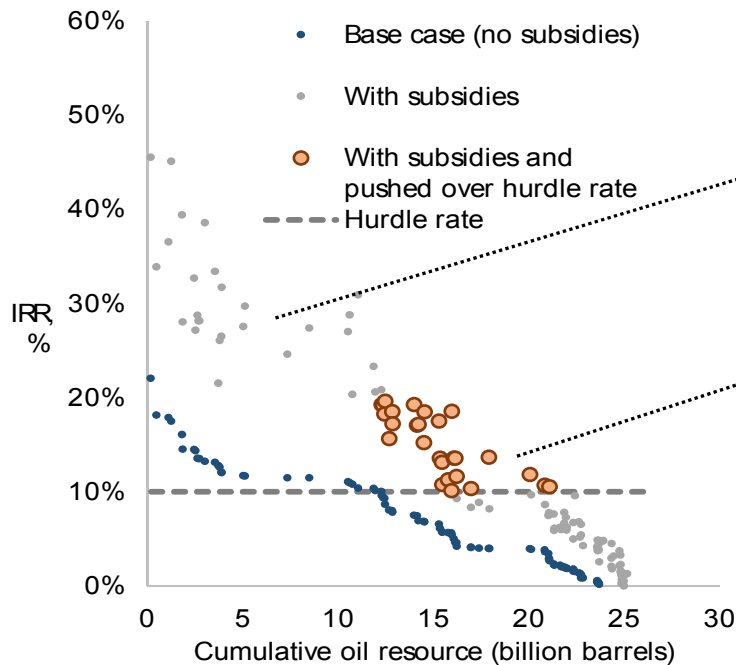


# Forward Movement Mapping “Leakage” and “Carbon Abatement”™

## Moving from National Averages to Project-Specific Impacts

Figure 1. Effect of subsidies on project economics at \$50 per barrel, for fields discovered but not yet producing – Permian Basin



**Leakage zone:** taxpayer \$ flows to profits. *In general, higher oil prices increase leakage rates.*

**Abatement zone:** taxpayer \$ unlocks ghg emissions that would not otherwise have been developed.

Source: Erickson, Down, Lazarus, and Koplw, 2017.