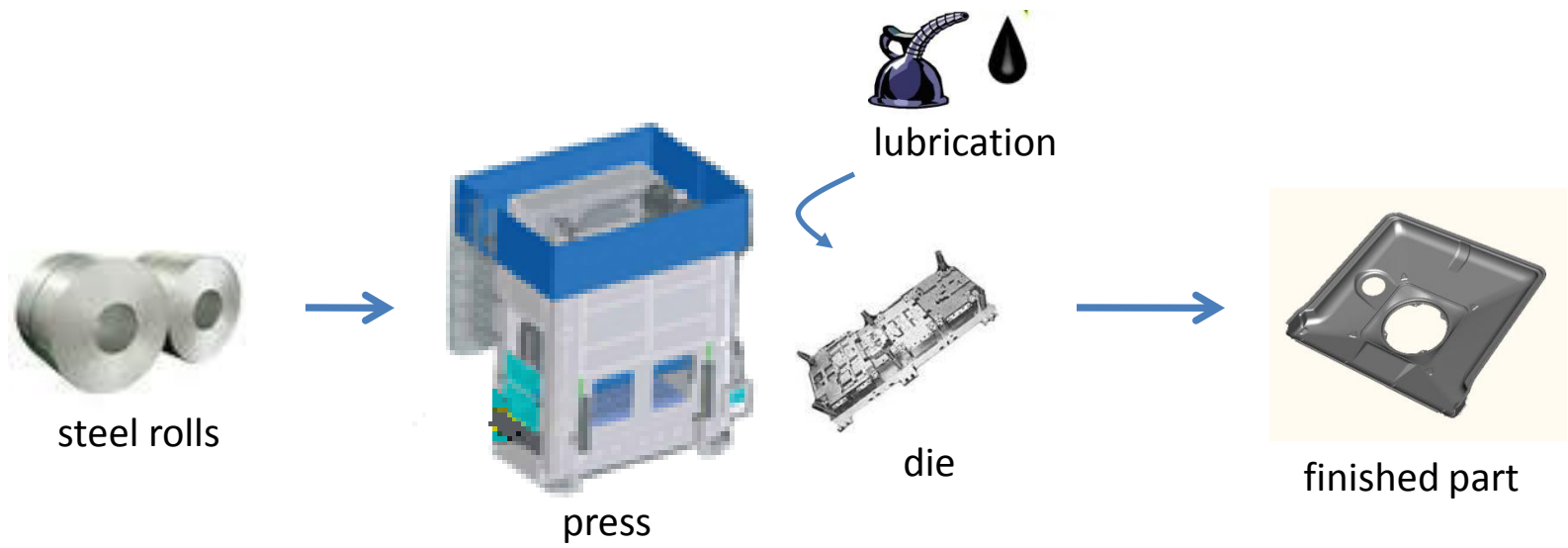


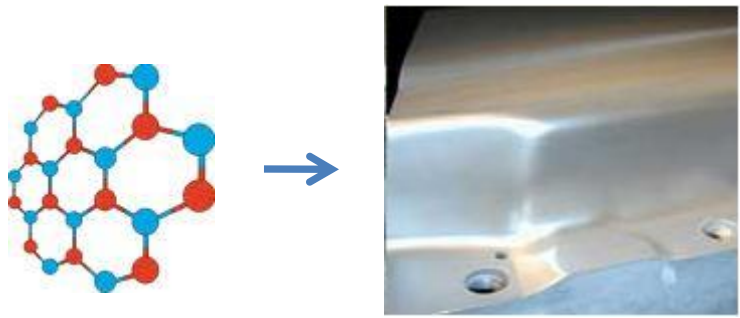
Nano Coating of Deep Drawing Dies

- Objectives:
 - A novel method for nano coating of deep drawing dies and tools
 - Overcome the abrasive effect of process on tools and dies
 - Developing a cost-effective sustainable coating technique
 - Scratch resistant coating material
- Expected results:
 - Extended tool life
 - Significant reduction in lubrication in deep drawing process
 - Decrease in costs and less resource consumption

Nano Coating of Deep Drawing Dies



With Nano Coated Die



- Extended tool & die life
- Decrease in lubrication
- Less resource consumption



Nano Coating of Deep Drawing Dies

Known Partners				
S.No	Partner Name	Type	Country	Role in the Project
	ARCELIK		TURKEY	End – user, Die / Tool Maker
Required Partners				
S.No	Profile	Type	Country	Role in the project
	Research Institute / University / Company	-	-	Coordinator
	Die/Tool Maker	-	-	Die / Tool Production (demo)
	Nano Technology Researcher	-	-	Development of coating material/process
	Nano Technology Researcher	-	-	Nano scale metrology