

TASK NAME	Year 1	Year 2	Year 3
<b>The reduced network</b>	<ul style="list-style-type: none"> <li>- update chemical model</li> <li>- include detailed ionisation processes</li> <li>- insert X-ray chemistry</li> <li>- finalise reduced network</li> </ul>		
<b>Line diagnostics from chemical models</b>		<ul style="list-style-type: none"> <li>- inclusion of chemical code in MOCASSIN by B1</li> <li>- radiative transfer</li> <li>- comparison with observations</li> </ul>	
<b>Dust evolution</b>		<ul style="list-style-type: none"> <li>- from mono-disperse to grain-size distribution</li> <li>- grain-size from C2</li> <li>- radiative transfer</li> <li>- comparison with observations</li> </ul>	
<b>Disc ionisation</b>		<ul style="list-style-type: none"> <li>- case-specific ionisation rate</li> </ul>	
<b>Time-Dependent chemistry</b>			<ul style="list-style-type: none"> <li>- study of time scales of various processes</li> <li>- benchmark of time-dependent chemical code</li> <li>- inclusion of time-dependent chemistry in dynamical model</li> <li>- radiative transfer</li> <li>- comparison with observations</li> </ul>