WG participants

• 22 persons participating this week
• 4 or 5 modellers for each exercise
• 16 countries represented:
  Austria, Canada, Croatia, Cuba, Czech Republic, Denmark, France, Germany, Italy, Korea, Netherlands, Slovakia, Spain, Tunisia, United Kingdom, United States
Progress this week

• Discussion of all 3 modelling exercises

• Presentation of modelling approaches for 3 exercises and preliminary results for 2 exercises

• Discussion of plans and schedules for next steps

• Plan for interim WG meeting: 8–10 June 2010, University of Seville, Spain
First modelling exercise

Atmospheric dispersion, short-range

Modelling approaches and preliminary results from 5 participants
LASAIR results Test 02, model Deposition (Bq/m²)

site (birds eye)

[Google Earth]
University of Seville model, Test 2

Deposition on ground (Bq/m²). Log10 scale
<table>
<thead>
<tr>
<th>Droplet diameter (m)</th>
<th>$R_{50}$ zone (m)</th>
<th>$R_{75}$ zone (m)</th>
<th>$R_{95}$ zone (m)</th>
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</thead>
<tbody>
<tr>
<td>$2 \times 10^{-5}$ / $2 \times 10^{-7}$</td>
<td>7.4</td>
<td>16.6</td>
<td>42.1</td>
</tr>
<tr>
<td>$2 \times 10^{-5}$</td>
<td>7.2</td>
<td>16.3</td>
<td>41.9</td>
</tr>
<tr>
<td>$6 \times 10^{-6}$</td>
<td>7.8</td>
<td>17.2</td>
<td>42.5</td>
</tr>
<tr>
<td>$1 \times 10^{-6}$</td>
<td>7.8</td>
<td>17.3</td>
<td>43.9</td>
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<tr>
<td>$2 \times 10^{-7}$</td>
<td>6.1</td>
<td>15.8</td>
<td>46.1</td>
</tr>
</tbody>
</table>
Second modelling exercises

Atmospheric dispersion, mid-range

Modelling approaches and preliminary results from 3 participants
University of Seville model, Trillo NPP scenario

Deposited activity (Bq/m²) in logarithmic scale

Latitude: 40.4 to 40.8
Longitude: -3.8 to -2.6

Markers: MADRID, Guadalejara, TNPP
Third modelling exercises

Contaminant transport and countermeasures

Modelling approaches from 3 participants