



ROSENERGOATOM

ELECTRIC POWER DIVISION OF ROSATOM

3D Visualisation in KNPP radiation control

KNPP and IFE cooperation

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Planner (IFE)

View dependent smooth isosurfaces in combination with a point cloud, showing the boundary between the radiation level at the current location and the next level



Planner (IFE)

Applications:

- Preparation for jobs in radiological environments
- Preparation of work permit requests and preparation of radiological work permits
- Briefing of staff, contractors and other stakeholders
- Post-job analysis and reporting
- Education and training in radiation protection and ALARA mind-set
- Testing and visually assessing the results of new dose calculation models

Map (KNPP)

2D image of the room A-002/1



Map (KNPP)

Software features:

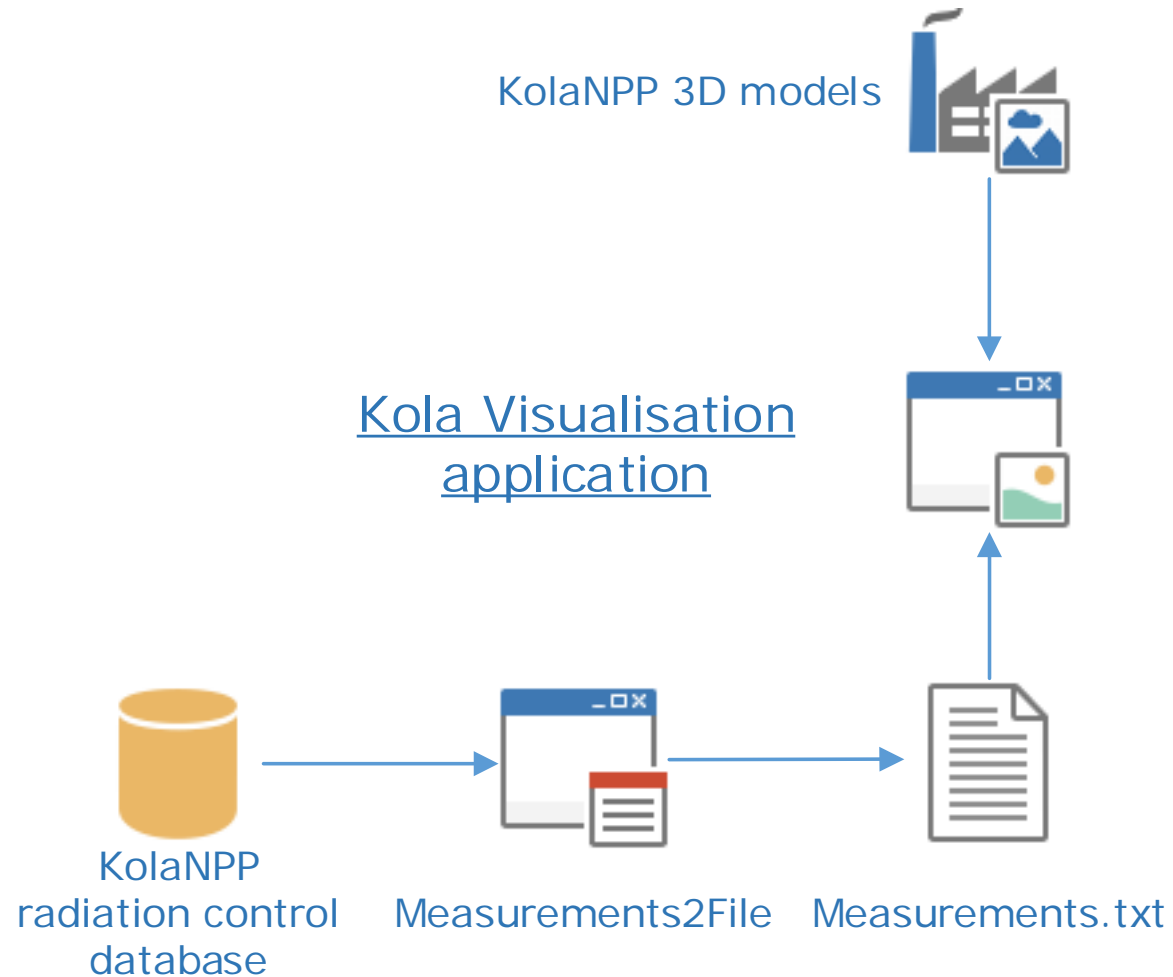
- Display KNPP interactive map
- Store and display different information about buildings and rooms
- Store and display radiation control data

Kola Visualisation (KNPP and IFE)

Software features:

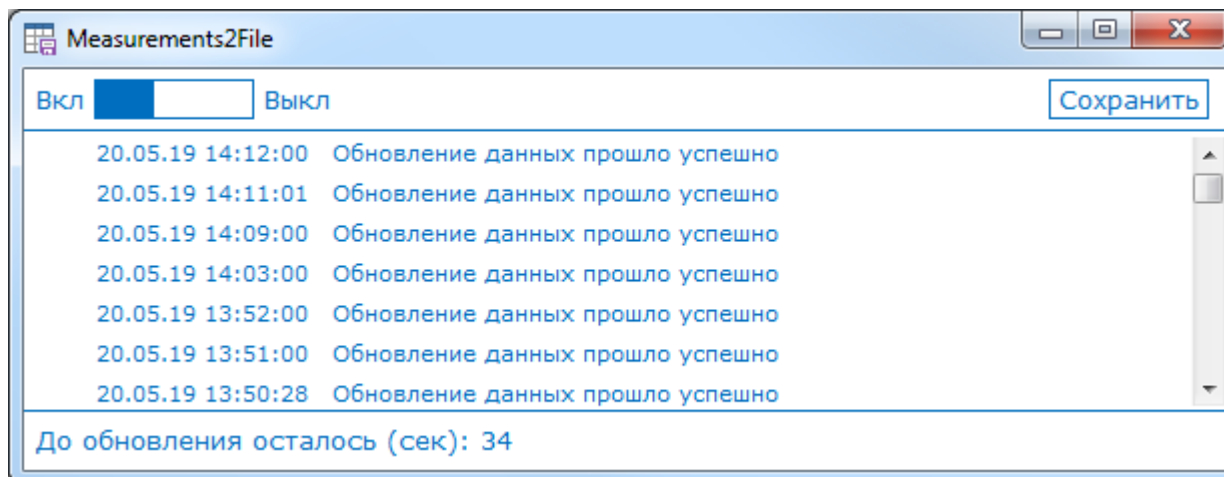
- Display 3D models of KNPP rooms
- Display radiation control data and radiation fields

Kola Visualisation (KNPP and IFE)

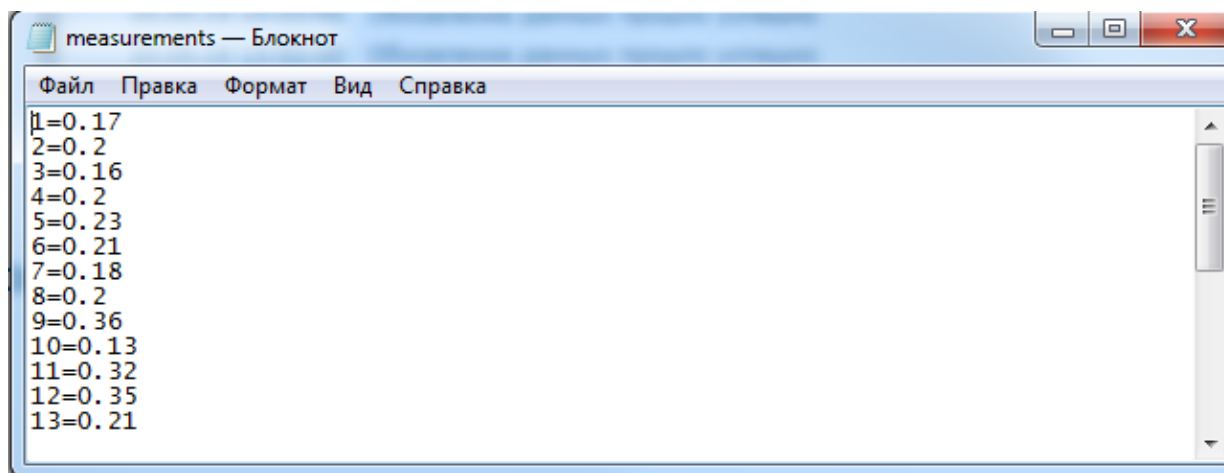


Kola Visualisation (KNPP and IFE)

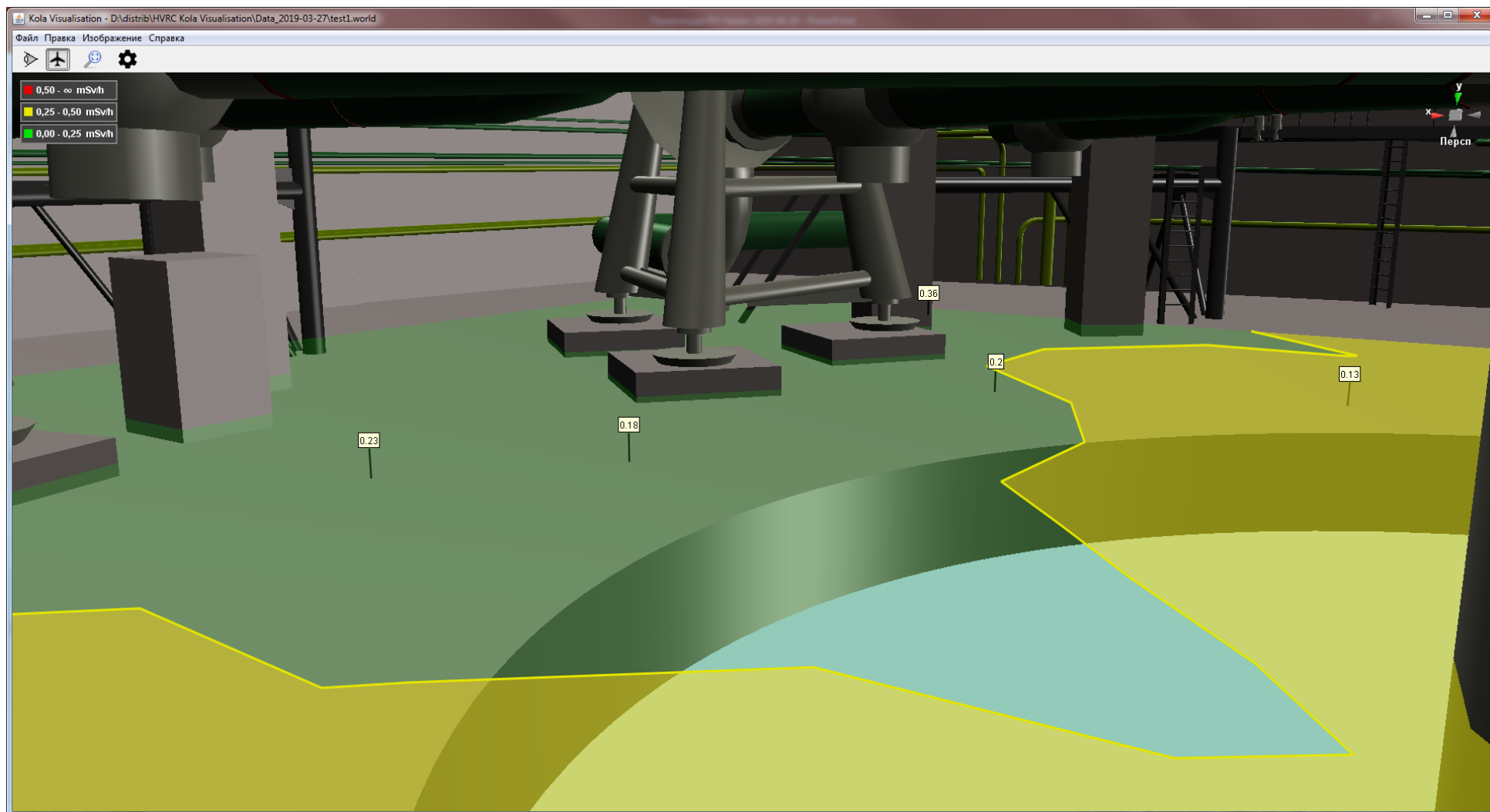
Measurements2File



measurements.txt



Kola Visualisation (KNPP + IFE)





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Thank you for your attention