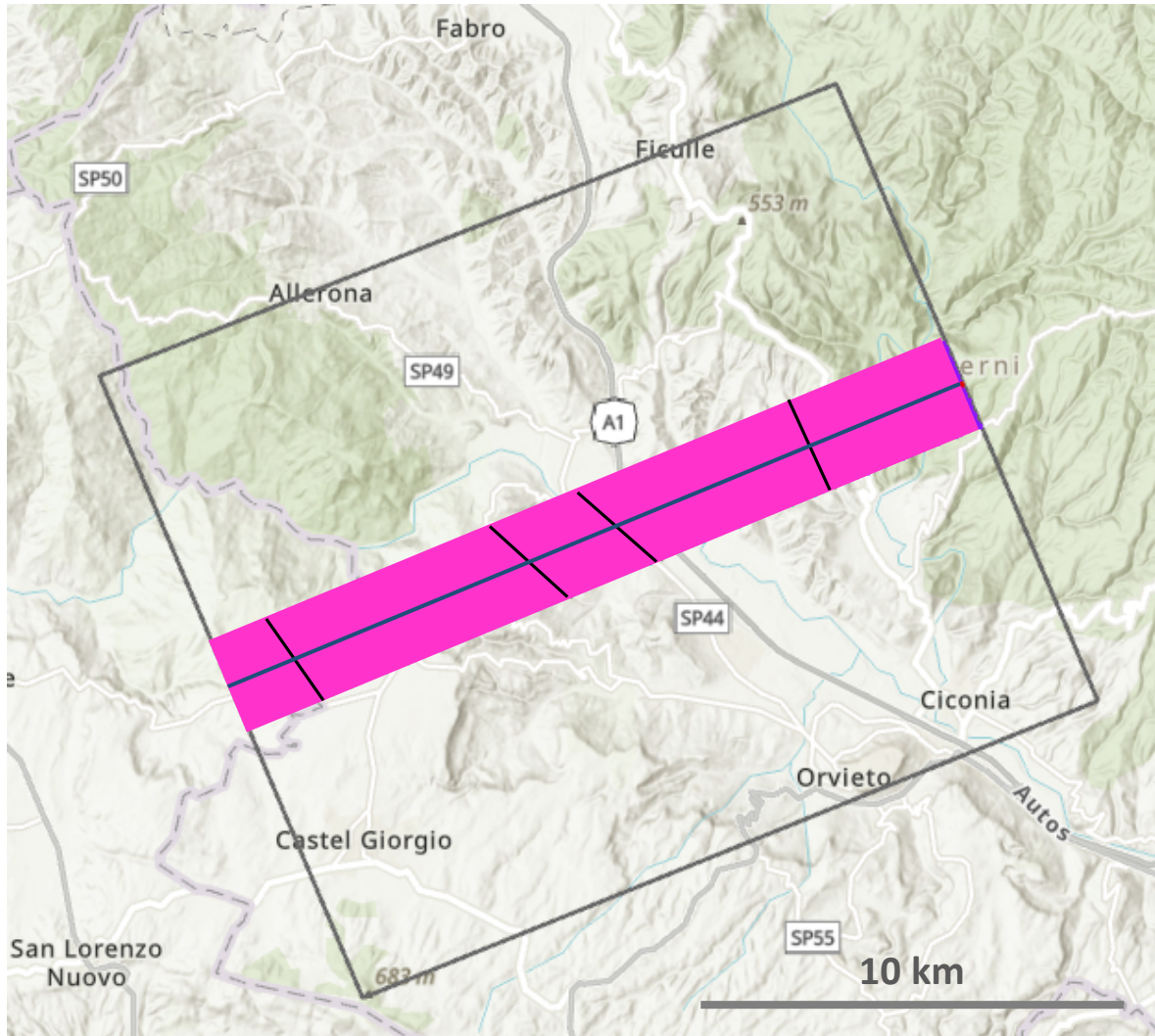


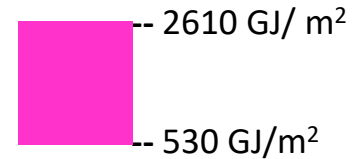


HotLime Case Study 10

Triassic carbonates of Tuscan, Umbria and Marche nappes in the Umbria Trough



- HIP18 distribution
- Fault traces on top of reservoir
- Cross-section line



Distribution of Heat-in-Place applied for T_{ref} 18°C (cf. [Factsheet Heat-in-Place](#))

Unlike described in Chapter 2.12 of [Report 3.1](#), assessed for the entire stack of nappes, based on the temperature distribution along the cross-section (see Figure 49 in [Report 3.1](#)).



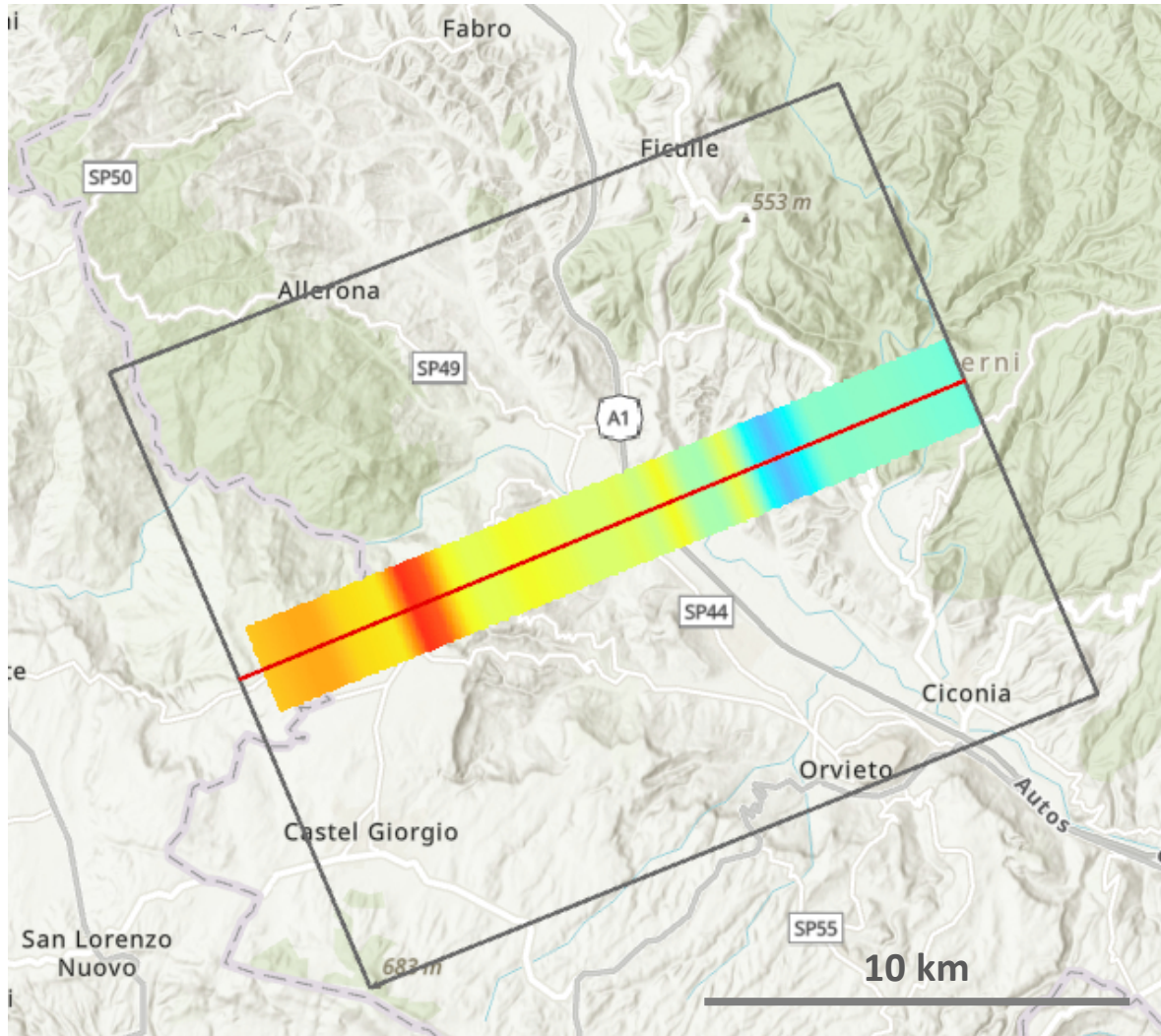
Principal faults at the top of the carbonate geothermal reservoir (cf. [Factsheet Faults](#))

depicted along the cross-section only.
For concepts of faults → [click the fault](#),
for geometries and concepts of thrusts, not portrayable in a top view, → [open the cross-section by clicking the:](#)



Cross-section line

→ [click the line to see stack of thrust nappes](#)

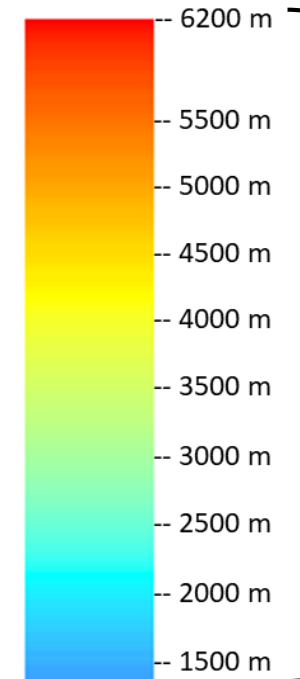


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Triassic carbonates of Tuscan, Umbria and Marche nappes in the Umbria Trough

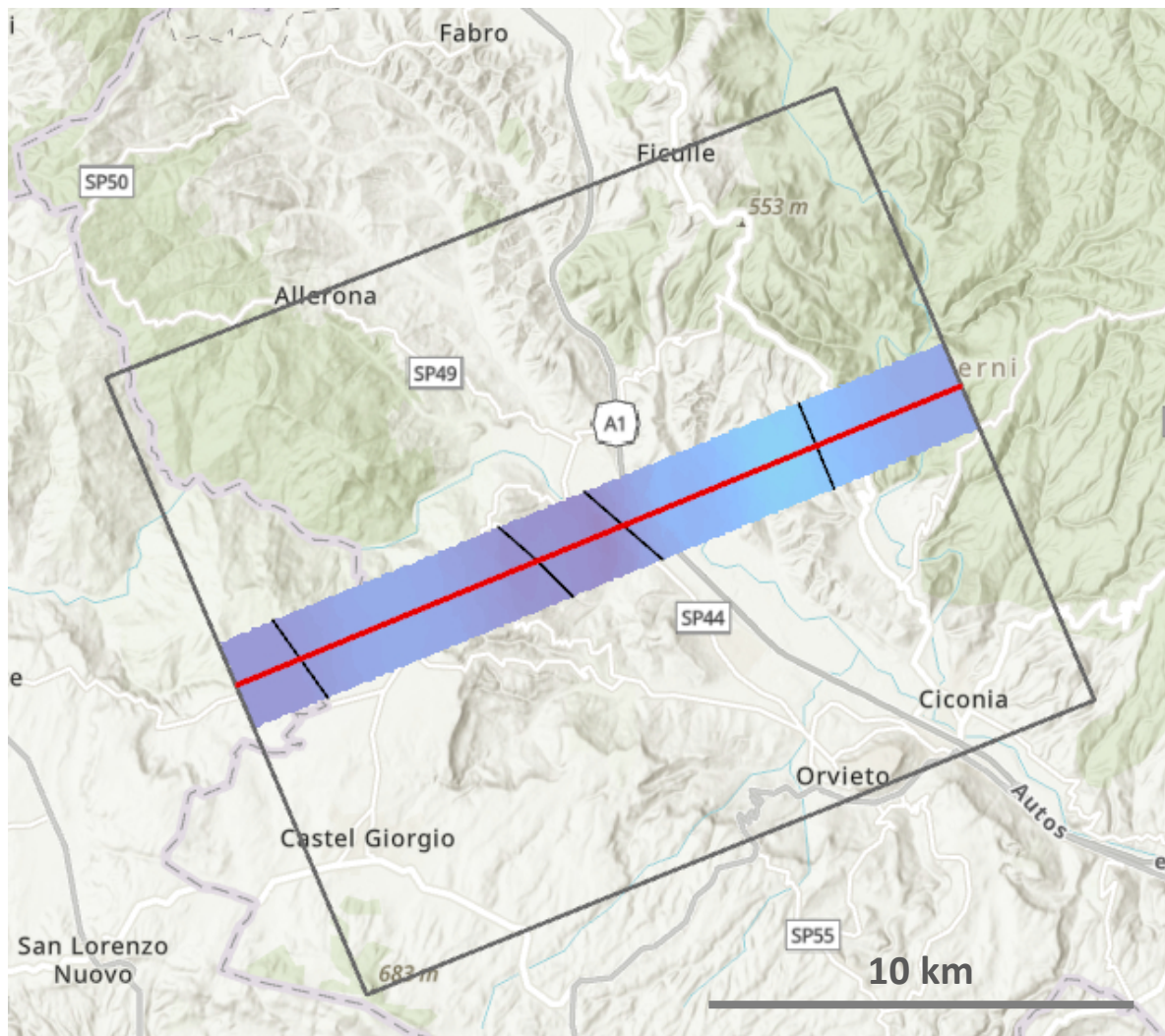


- Thickness of reservoir
- Cross-section line



Cumulative thickness of the stacked thrust nappes' carbonate geothermal reservoirs (as one of the crucial parameters for Heat-in-Place assessment, cf. [Factsheet Heat-in-Place](#))

Cross-section line → [click the line to see the thickness variations and stack of thrust nappes](#)

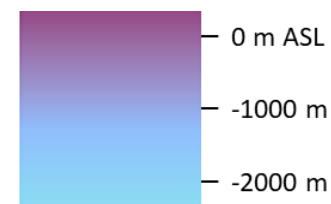


HotLime Case Study 10

Triassic carbonates of Tuscan, Umbria and Marche nappes in the Umbria Trough



- Depth to top of reservoir
- Fault traces on top of reservoir
- Cross-section line

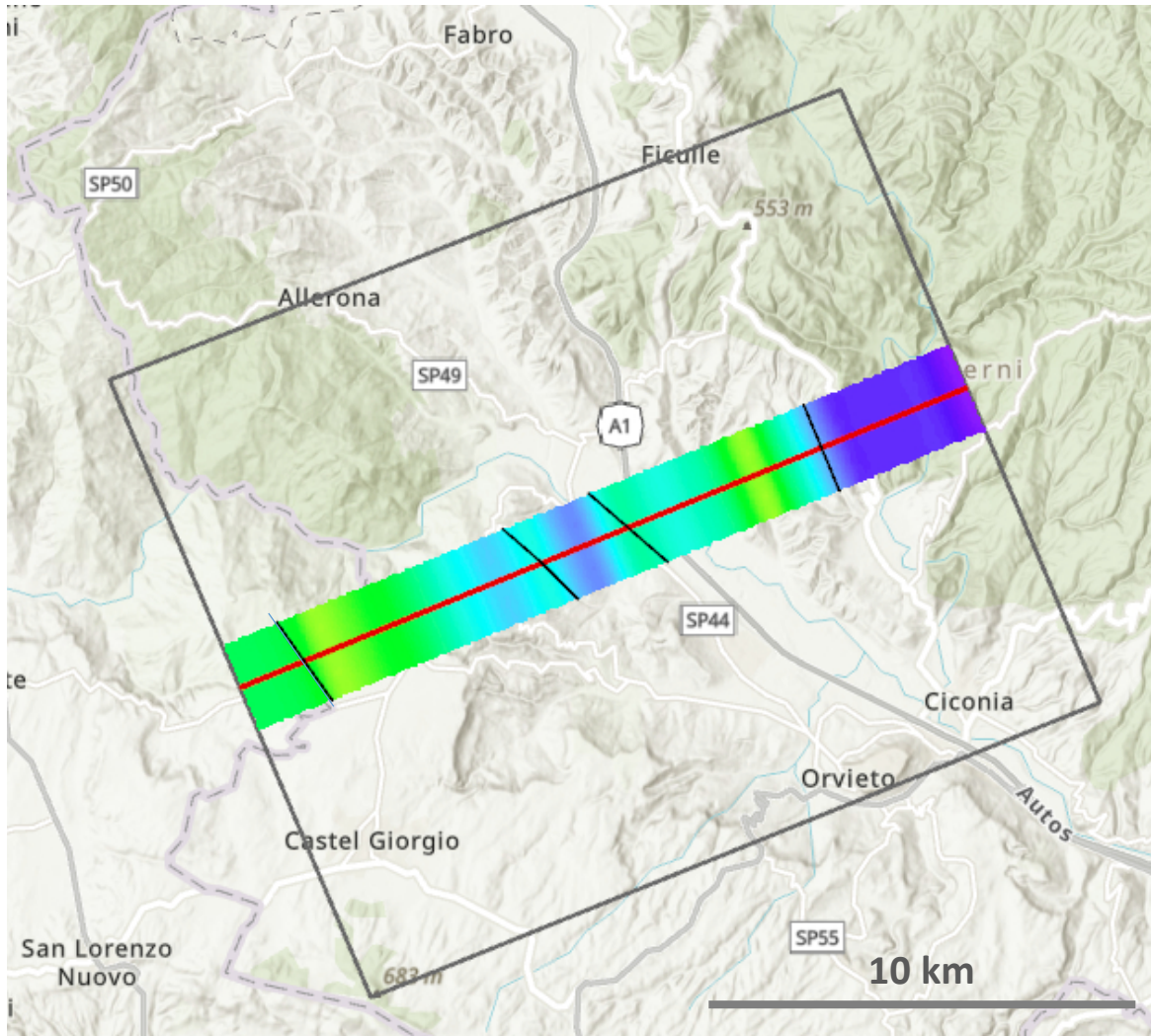


Depth to top of carbonate geothermal reservoir (minimum drilling depth to tap the reservoir)

Principal faults at the top of the carbonate geothermal reservoir (cf. [Factsheet Faults](#)), depicted along the cross-section only. For concepts of faults → [click the fault](#), for geometries and concepts of thrusts not portrayable in a top view, → [open the cross-section by clicking the:](#)

Cross-section line

→ [click the line to see the depth variations caused by the thrust of the nappes](#)

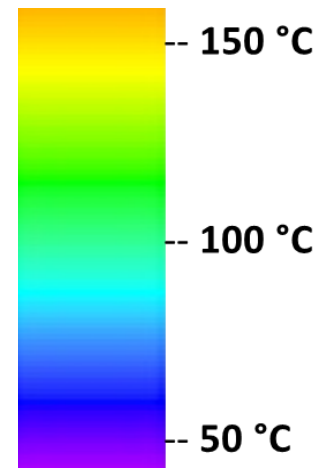


HotLime Case Study 10

Triassic carbonates of Tuscan, Umbria and Marche nappes in the Umbria Trough



- Temperature on top of reservoir
- Fault traces on top of reservoir
- Cross-section line



Temperature on top of reservoir,
(cf. [Factsheet Temperature](#)),
as one of the crucial parameters for Heat-in-Place assessment
(cf. [Factsheet Heat-in-Place](#))

Principal faults at the top of the
carbonate geothermal reservoir
(cf. [Factsheet Faults](#)), depicted along the cross-
section only.

For concepts of faults → [click the fault](#),
for geometries and concepts of thrusts not
portrayable in a top view,
→ [open the cross-section by clicking the:](#)

Cross-section line