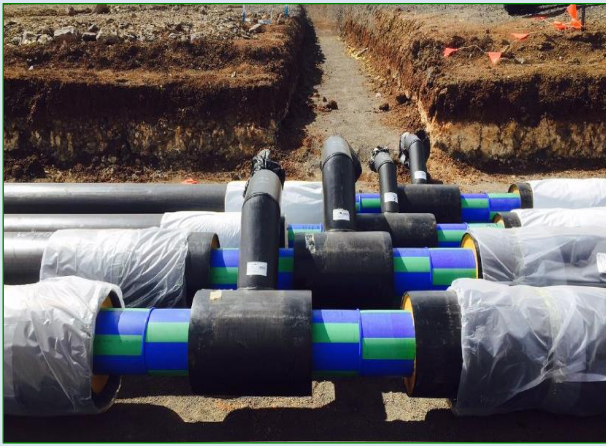


Below pictures of a major current Australian aquatherm Ti project



Advantages of the **aquatherm Ti** pre-insulated pipe system for district **heating** and **cooling**:

- Longevity & maintenance free (no corrosion) critical in PPP projects.
- Less pipe roughness = 0.0070 mm (less pressure loss; smaller pumps)
- Low Thermal Conductivity of the **aquatherm blue** and **green** pipes.
($\lambda = 0.15 \text{ W/mK}$, $\lambda = 384 \text{ W/mK}$ (copper), $\lambda = 50 \text{ W/mK}$ (carbon steel))
- Low weight ($\rho < 1$).
- Lesser linear expansion ($\alpha = 0.035 \text{ mm/mK}$) and expansion forces; no thrust blocks required.
- Very good chemical resistance (in case of "hyper reactive" soil).
- Suitable for high traffic load (SLW60; 60 tons).
- Cost savings by quick and easy processing of pipes and fittings.
- Leak proof socket fusion and butt welding joints.
- No mixing of chemicals due to the use of rigid PUR foam elements.



For more information:

Aquatherm Australia Pty Ltd
 T: (02) 9774 1172 (Sydney Office)
 F: (02) 9774 3619
 E: aquatherm@aquatherm.com.au
 W: www.aquatherm.com.au



Especially in times where you have to tender in a competitive market, it is good to look out of the box by using a worldwide proven 21st Century Innovative material.

