Am 35 Whereas underground thermal energy storage requires the smallest land coverage and represents the most cost-effective method for thermal energy storage, it can also serve as a viable option for long-duration electrical storage, provided that sufficient support is extended to facilitate the commercial demonstration of such projects.
Am 58 Underlines the potential of geothermal energy to make a substantial contribution to attaining key strategic objectives within the EU, particularly in the context of meeting climate targets by decarbonizing sectors with high carbon intensity.
Am 64 Emphasizes that the primary opportunity for harnessing geothermal energy in the EU is predominantly found in district heating and cooling systems and networks of shallow geothermal installations.
Am 66 Highlights that the heating and cooling sector constitutes nearly half of the EU's overall final energy consumption and contributes as much as 35% to the EU's greenhouse gas emissions related to energy use; Underscores the significant role geothermal energy can play in helping the EU achieve its climate targets, especially in the process of decarbonizing the heating and cooling sector.
Am 115 Expresses concern about a notable deficiency of well-qualified individuals across the entire value chain, underscores the growing demand for a proficient workforce in the future, and thus emphasizes the urgent necessity for substantial investments in the training and retraining of the workforce within the geothermal sector.
Am 128 Acknowledges the value of the expertise and background of professionals currently employed in the oil and gas service industry for the geothermal sector.
Am 228 Observes that the current administrative processes for initiating geothermal projects are marred by delays, fragmented information, and a scarcity of qualified personnel and resources; Urges both the Commission and Member States to expedite and simplify the permitting of geothermal projects.
Am 234 Calls for the setting project assessment deadlines should be rooted in tacit approval principles;

Am 299 Emphasizes the significance of global cooperation, which involves exchanging best practices and engaging in collaborative research and innovation concerning geothermal technologies with pertinent third-party nations and organization.