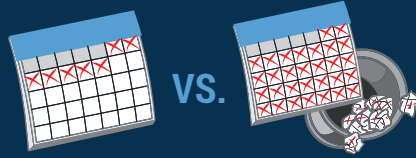


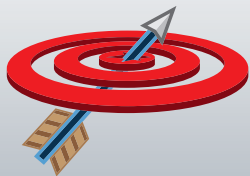
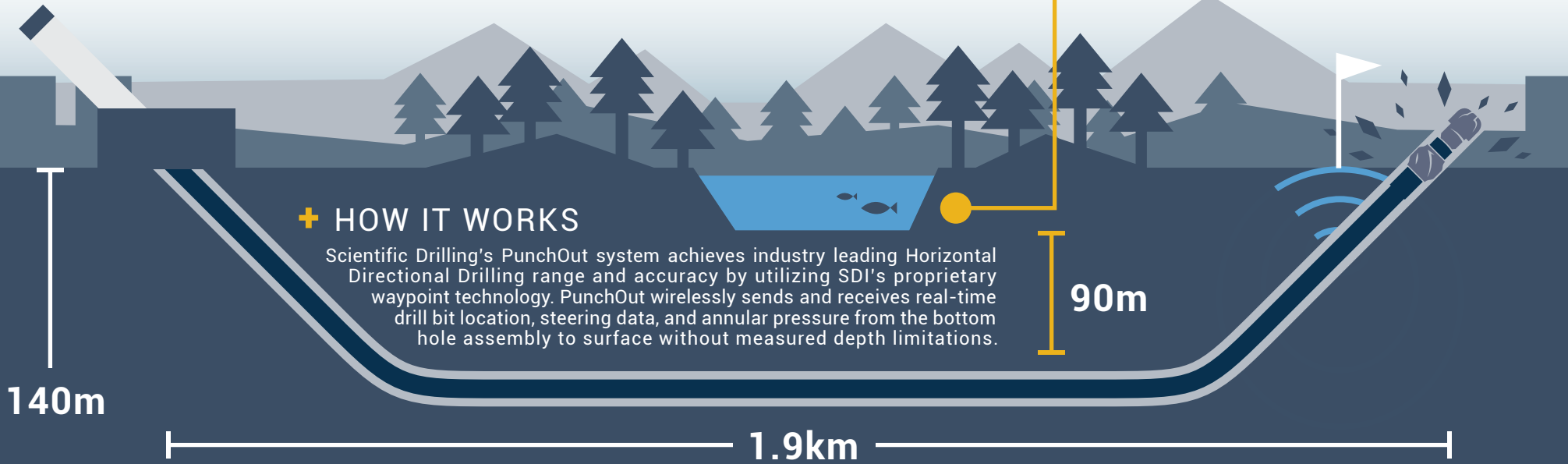
PROVEN PERFORMANCE

In a recent deployment, PunchOut was used to drill a 1.9km trenchless pipeline 90m beneath a parkland river. The PunchOut drilling assembly and waypoint system do not use surface wires or telemetry wires in the drill pipe, and traditional survey time is greatly reduced. The resulting HDD project was completed 325% ahead of schedule and only used 1/3 of proposed rig time.



+ HOW IT WORKS

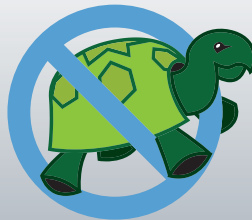
Scientific Drilling's PunchOut system achieves industry leading Horizontal Directional Drilling range and accuracy by utilizing SDI's proprietary waypoint technology. PunchOut wirelessly sends and receives real-time drill bit location, steering data, and annular pressure from the bottom hole assembly to surface without measured depth limitations.



PIN POINT ACCURACY!



CUTS RIG TIME!



FAST!



NO WIRES IN DRILL PIPE!



ECONOMICAL!



NO WIRE LOOPS!