

Development of a new range of fire pumps for extreme conditions				
The main objective of the project is the development and optimization of new fire pumps including a comprehensive range of floating fire pumps and replacement of the most used fire engine in the Czech Republic, PS 12.				
Code	TH03010378			
State providing funder	Technology Agency of the Czech Republic <a href="https://www.tacr.cz/en/homepage/">https://www.tacr.cz/en/homepage/</a>			
Programme	EPSILON Programme <a href="https://www.tacr.cz/en/epsilon-programme/">https://www.tacr.cz/en/epsilon-programme/</a>			
Total eligible costs	7 926 000 CZK			
Total project subsidy	4 733 000 CZK			
Subsidy FME TUL	3 000 000 CZK			
TUL project number	17036			
Contractor	Pavliš a Hartmann, spol. s r.o. <a href="https://www.php.cz/">https://www.php.cz/</a>			
Project participant	TUL, Faculty of Mechanical Engineering			
Principal investigator TUL	prof. Ing. Václav Dvořák, Ph.D.			
Department	Department of Power Engineering Equipment			
Period	2018-2020			
<a href="https://www.rvvi.cz/cep?s=jednoduche-vyhledavani&amp;ss=detail&amp;n=0&amp;h=TH03010378">https://www.rvvi.cz/cep?s=jednoduche-vyhledavani&amp;ss=detail&amp;n=0&amp;h=TH03010378</a>				
Costs (year) TUL	2018	2019	2020	Total
Non-Investment (CZK)	1 000 000	1 000 000	1 000 000	3 000 000
Investment (CZK)	0	0	0	0
<b>Total (CZK) TUL</b>	1 000 000	1 000 000	1 000 000	3 000 000
Project results				
2018	Article	<a href="https://doi.org/10.21203/rs.3.rs-1234567/v1">RIV/46747885:24210/18:00006013</a>		
2018	Article	<a href="https://doi.org/10.21203/rs.3.rs-1234568/v1">RIV/46747885:24210/18:00006026</a>		
2018	Prototype	<a href="https://doi.org/10.21203/rs.3.rs-1234569/v1">RIV/46747885:24210/18:00006032</a>		