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| **Projekty schválené k dofinancování v roce 2020 v rámci EMPIR (6. výzva MŠMT) – kód 8B** | | | | | |
| **Český metrologický institut, Okružní 31, 638 00 Brno (IČ: 00177016)** | | | | | |
|  | **ID kód** | **Číslo projektu** | **Akronym projektu** | **Název projektu** | **Hlavní řešitel projektu** |
| 1. | **8B20001** | 19ENG03 | **MefHySto** | Metrology for Advanced Hydrogen Storage Solutions | Mgr. Jan Geršl, Ph.D. |
| 2. | **8B20002** | 19ENG05 | **NanoWires** | High throughput metrology for nanowire energy harvesting devices | Mgr. Petr Klapetek, Ph.D. |
| 3. | **8B20003** | 19ENG06 | **HEFMAG** | Metrology of magnetic losses in electrical steel sheets for high-efficiency energy conversion | Ing. Michal Ulvr |
| 4. | **8B20004** | 19ENG07 | **Met4Wind** | Metrology for enhanced reliability and efficiency of wind energy systems | doc. Ing. Vít Zelený, CSc. |
| 5. | **8B20005** | 19ENG08 | **WindEFCY** | Traceable mechanical and electrical power measurement for efficiency determination of wind turbines | Ing. Lukáš Vavrečka, Ph.D. |
| 6. | **8B20006** | 19ENG09 | **BIOFMET** | New metrological methods for biofuel materials analysis | Dr. Ing. Radek Strnad, Ph.D. |
| 7. | **8B20007** | 19ENV01 | **traceRadon** | Radon metrology for use in climate change observation and radiation protection at the environmental level | Mgr. Monika Mazánová |
| 8. | **8B20008** | 19ENV04 | **MAPP** | Metrology for aerosol optical properties | Dr. Ing. Marek Šmíd |
| 9. | **8B20009** | 19ENV07 | **MetEOC-4** | Metrology to establishan SI-traceable climate observing system | Dr. Ing. Marek Šmíd |
| 10. | **8B20010** | 19ENV08 | **AEROMET II** | Advanced aerosol metrology for atmosfpheric science and air quality | Mgr. Petr Klapetek, Ph.D. |
| 11. | **8B20011** | 19NRM05 | **IT4PQ** | Measurement methods and test procedures for assesing accuracy of Instruments Transformers for Power Quality Measurements | Ing. Renata Styblíková, Ph.D. |
| 12. | **8B20012** | 19NRM06 | **MeTISQ** | Metrology for Testing the Implementation Security of Quantum Key Distribution Hardware | Dr. Ing. Marek Šmíd |
| 13. | **8B20013** | 19NET01 | **AdvManuNet** | Support for a European Metrology Network on advanced manufacturing | doc. Ing. Vít Zelený, CSc. |
| 14. | **8B20014** | 19NET02 | **EMN-Quantum** | Support for the European Metrology Network on Quantum Technologies | Dr. Ing. Marek Šmíd |
| 15. | **8B20015** | 19NET03 | **supportBSS** | Support for a European Metrology Network on reliable radiation protection regulation | Ing. Vladimír Sochor |
| 16. | **8B20016** | 19NET04 | **MIRA** | Support for a European Metrology Network on the medical use of ionising radiation | Ing. Jaroslav Šolc, Ph.D. |
| 17. | **8B20017** | 19RPT01 | **QuantumPower** | Quantum traceablity for AC power standards | Ing. Jiří Streit |
| 18. | **8B20018** | 19RPT02 | **RealMass** | Improvement of the realisation of the mass scale | Mgr. Jaroslav Zůda, Ph.D. |