

**Proposal for possible new partners to join
Round 2
of the
EPMA Club Project**

**High Temperature Sintering - analysis of commercially
available alloys (processes and properties)**

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HTS2 Kick-off at EURO PM 2019 (Maastricht)

1. Definition of 4 powder mixtures besides Distaloy AE (including C-content)
2. Definition of 1 or 2 PM parts
3. Definition of ALL respective processing conditions (compaction, sintering, tempering) including the fine tuning of powders and sintering conditions!
4. Distribution of work-flow between club partners
5. Definition of test methods and test volumes (UNITN) → sample geometries
6. Set-up of a time frame (intermediate reporting)
7. Confirmation of detailed cost structure
8. Mutual confirmation of the complete project plan