

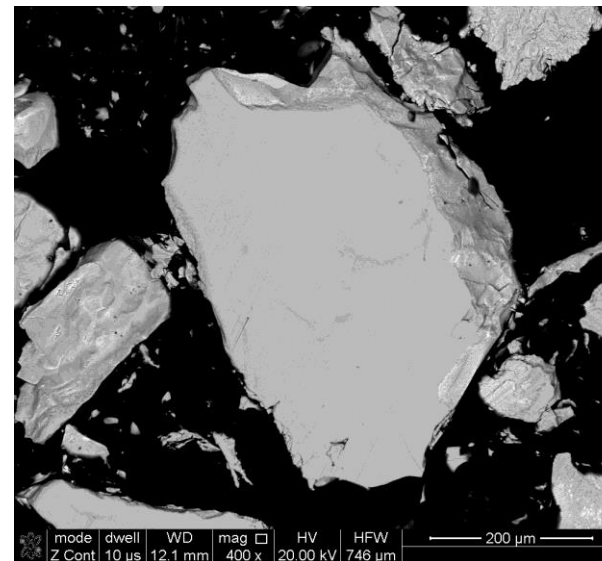
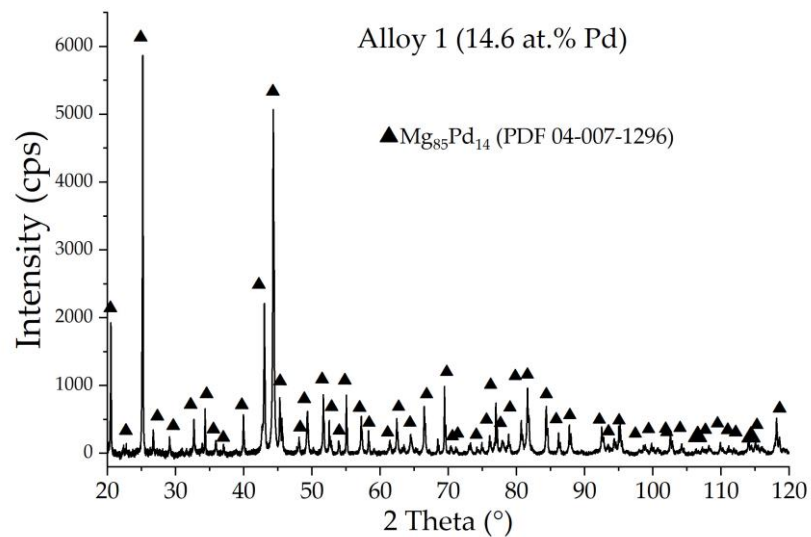


Figure S1. X- Ray diffraction pattern (Co anode $\lambda=1.78 \text{ \AA}$) and SEM (BSE) image of Alloy 1 (based on data from [1]).

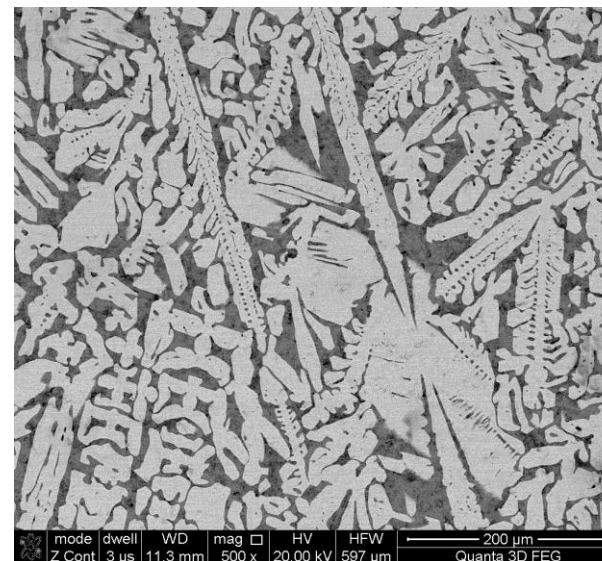
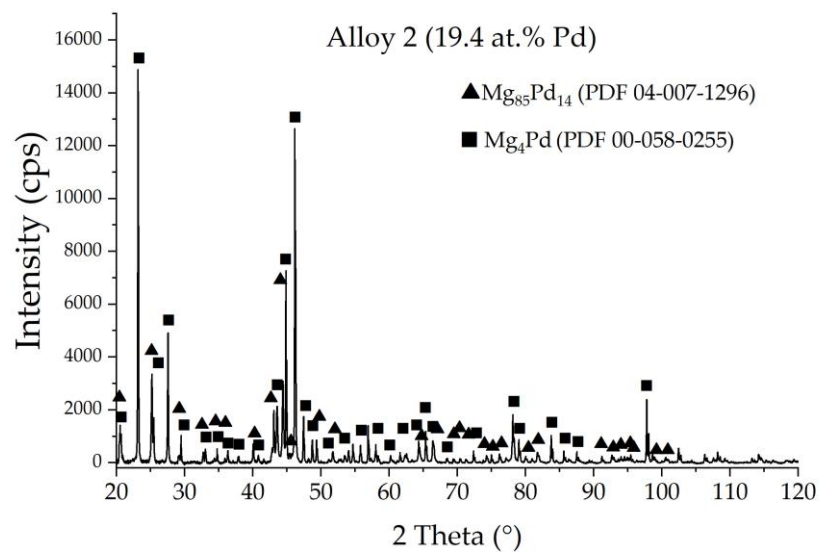


Figure S2. X- Ray diffraction pattern (Co anode $\lambda=1.78 \text{ \AA}$) and SEM (BSE) image of Alloy 2 (based on data from [1]).

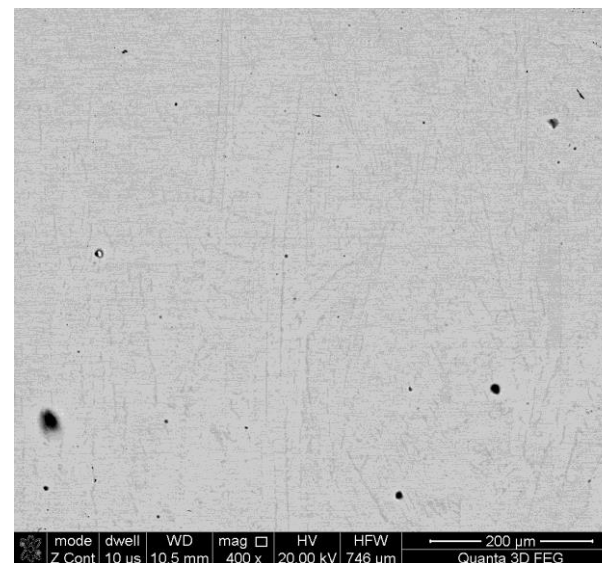
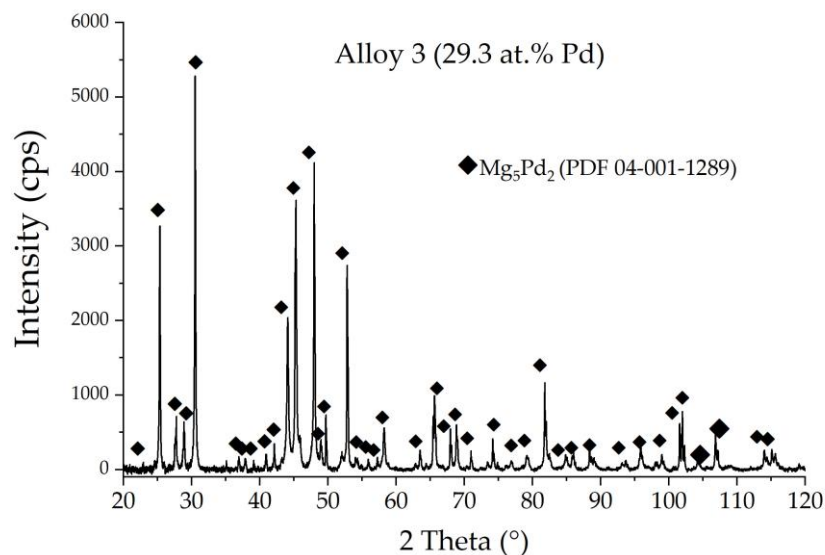


Figure S3. X- Ray diffraction pattern (Co anode $\lambda=1.78 \text{ \AA}$) and SEM (BSE) image of Alloy 3 (based on data from [1]).

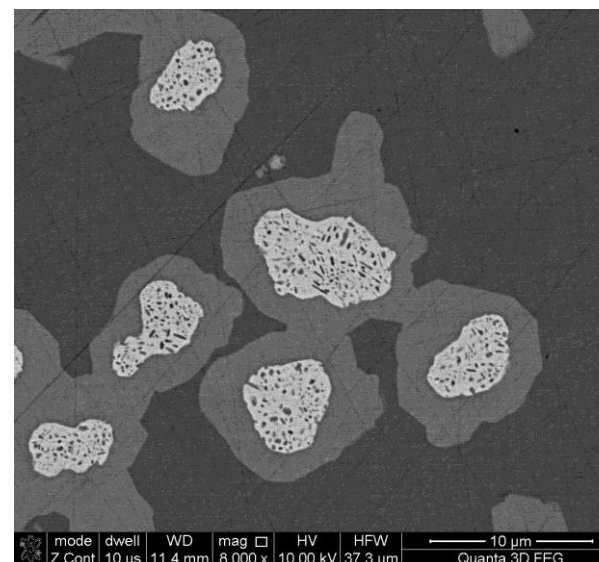
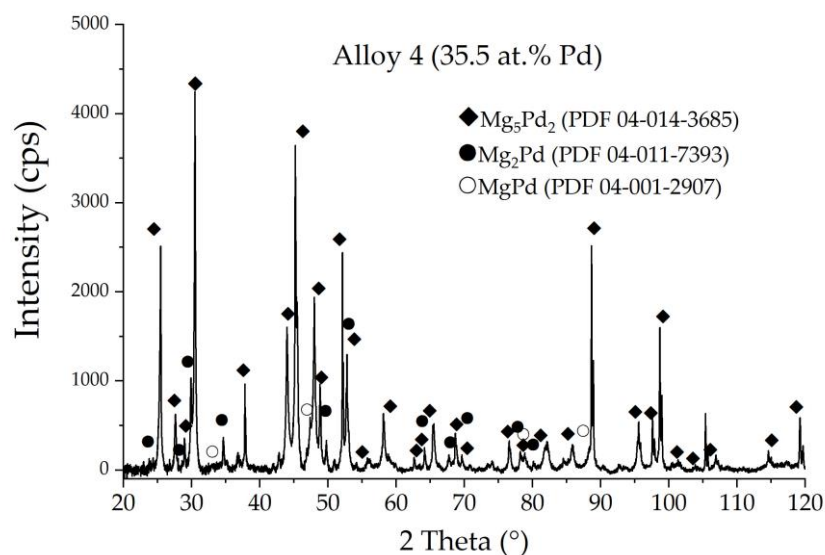


Figure S4. X- Ray diffraction pattern (Co anode $\lambda=1.78 \text{ \AA}$) and SEM (BSE) image of Alloy 4 (based on data from [1]).

References

1. Dębski, A.; Pęska, M.; Dworecka-Wójcik, J.; Terlicka, S.; Gąsior, W.; Gierlotka, W.; Polański, M. Structural and calorimetric studies of magnesium-rich Mg-Pd alloys. *Journal of Alloys and Compounds* **2021**, *858*, doi:10.1016/j.jallcom.2020.158085.