



## Article Thermal stability and thermoelectric properties of NaZnSb

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**Figure S1.** Scanning electron microcopy (SEM) images obtained in back-scattered electrons (BSE, left) and secondary electrons (SE, right) modes for the sample of NaZnSb prepared via hydride route and further densified by SPS. The composition determined by EDXS is  $Na_{1.3(1)}Zn_{1.0(1)}Sb_{1.0(1)}$ . The standard deviation in composition is calculated for the data collected in 8 different areas of each sample. The combined error of EDXS analysis is  $\pm 5$  %.