11-10-2018 – Meeting with Baldiri

* Keeping making agendas, structure is important to have
* Epower shouldnt be summed (nobody listens to Pol)
  + If you go from something small to something big, take the average
  + Think about interpolation while thinking about different energy variables. What does the value actually mean/is?
* Does the to\_first function take the first actual value from the last hour or does it simply take the lsat 'value’ (NaN or not) from lst hour?
  + Check (for electricity). For gas it doesnt matter since the whole hour would be the same value (hourly measured)
  + If nearly the whole hour for the electricity is NaN, and it takes the “last value”, then it might be better if you take the first value of the next hour instead.
  + Conclusion: take the nearest (last hour or next) value. If both adjescent hours are NaN, make it NaN., otherwise take the nearest value. 10 mins max
* Resampling:
  + Gas+gaspower: Mean
  + EPower: mean
  + Electricity: Cumulative (Sum)
* Something to think about: with the existing NaNs (large gaps, for eample three days), cut the whole week to keep the periodicy right. Otherwise the prediction algorithms will be fucked.
  + Try to get a month (after cutting) of clean data to run the algorithms on where the max gap of gas is 4 hours
  + Interpolate the weather data (everything) because gaps are so small
* Baldiri is looking at a more precise explanation of the sensor/meters used for gathering data
* He will also look for the structure of professional papers so we can start writing our own