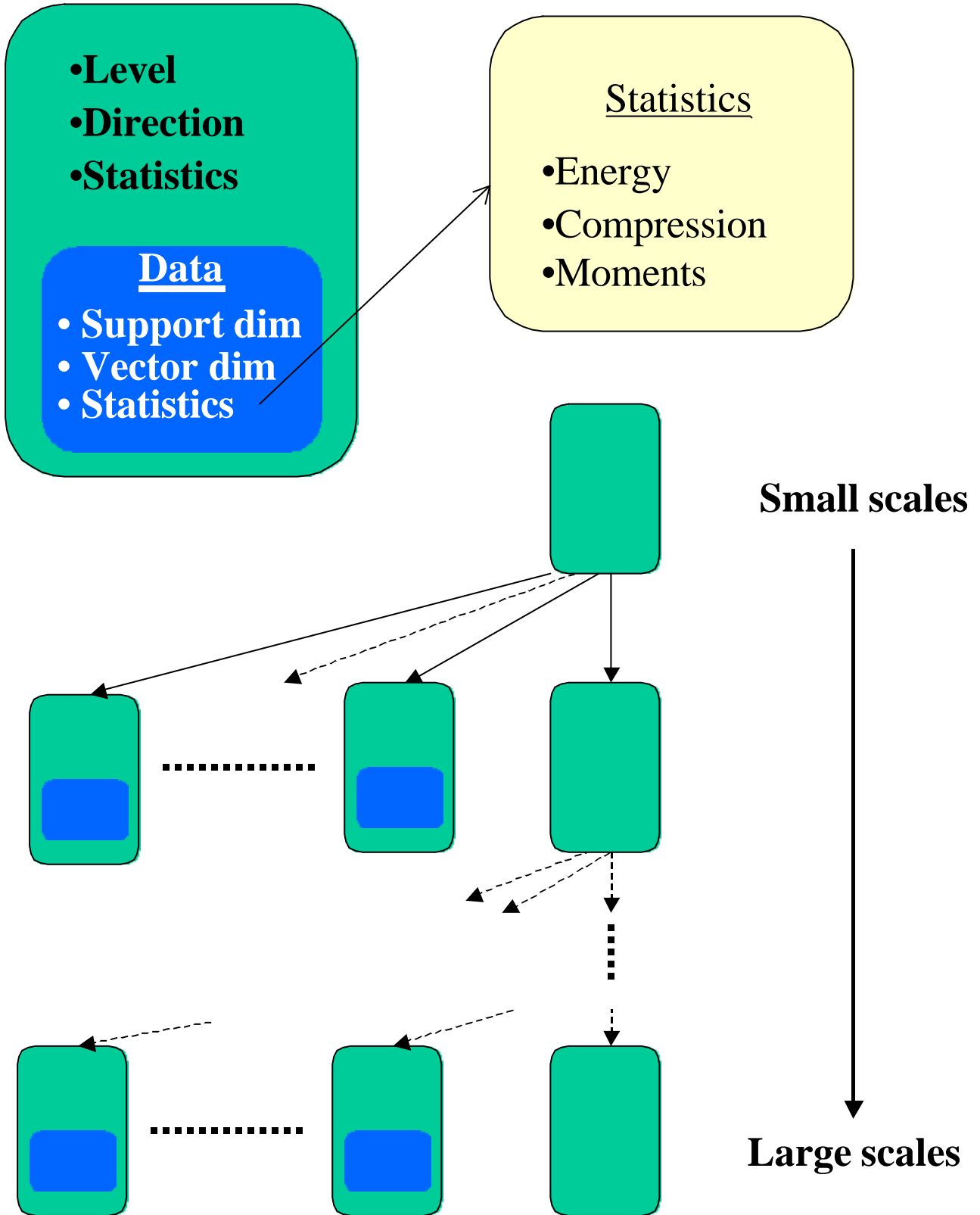


# Tree structure



# Conclusions

- A new method to extract coherent structures.
- The use of wavelets allows higher compression than classical LES.
- The PDF of velocity and vorticity of the coherent part are close to the original ones.
- The incoherent part is nearly gaussian but multiscale.

# Perspectives

- Analysis of the dynamic evolution of the coherent and incoherent field separately and comparison with the evolution of the total field.