



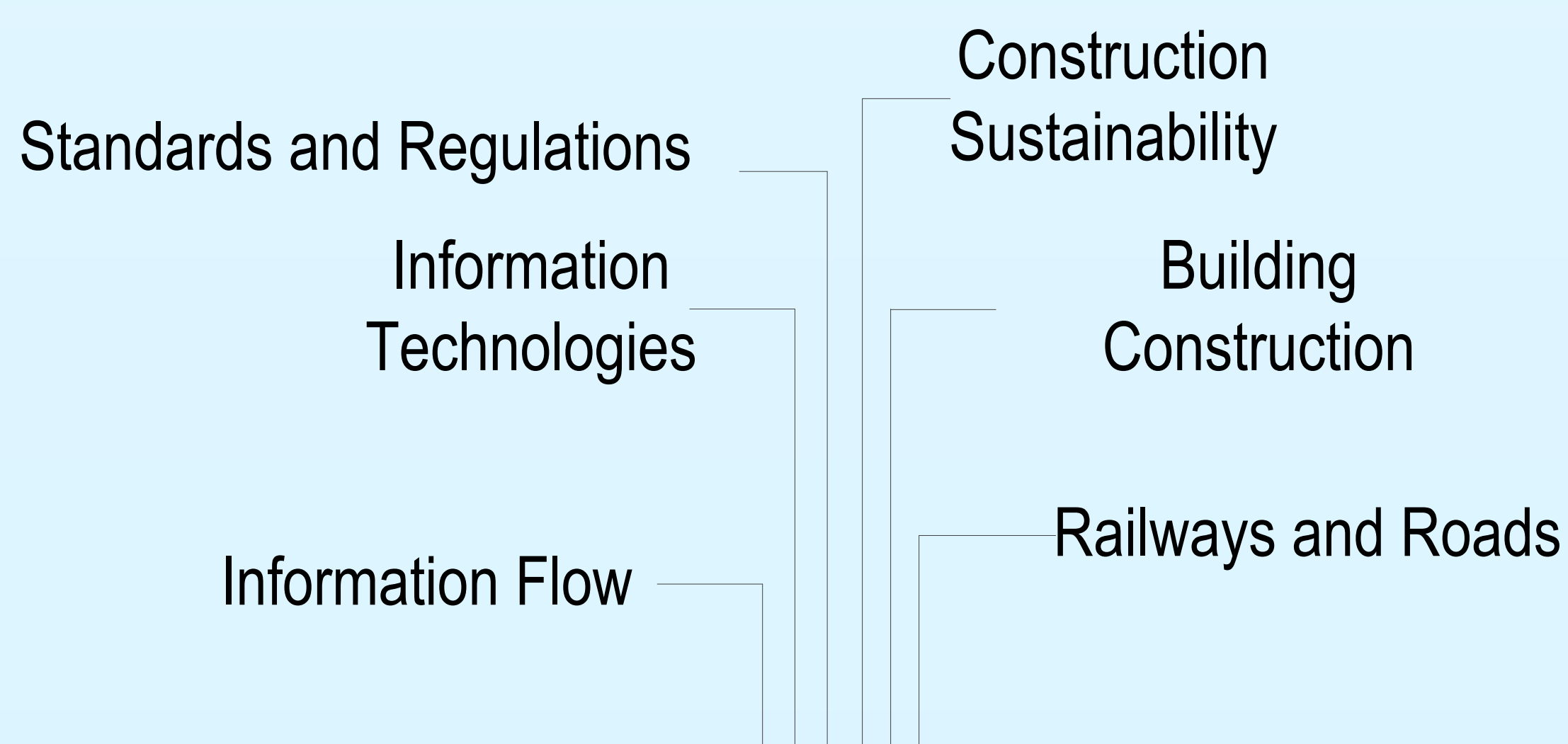
we are

# GT Sistemas de Informação na Construção



## The Construction Information workgroup of PTPC

### Fields



### The Group

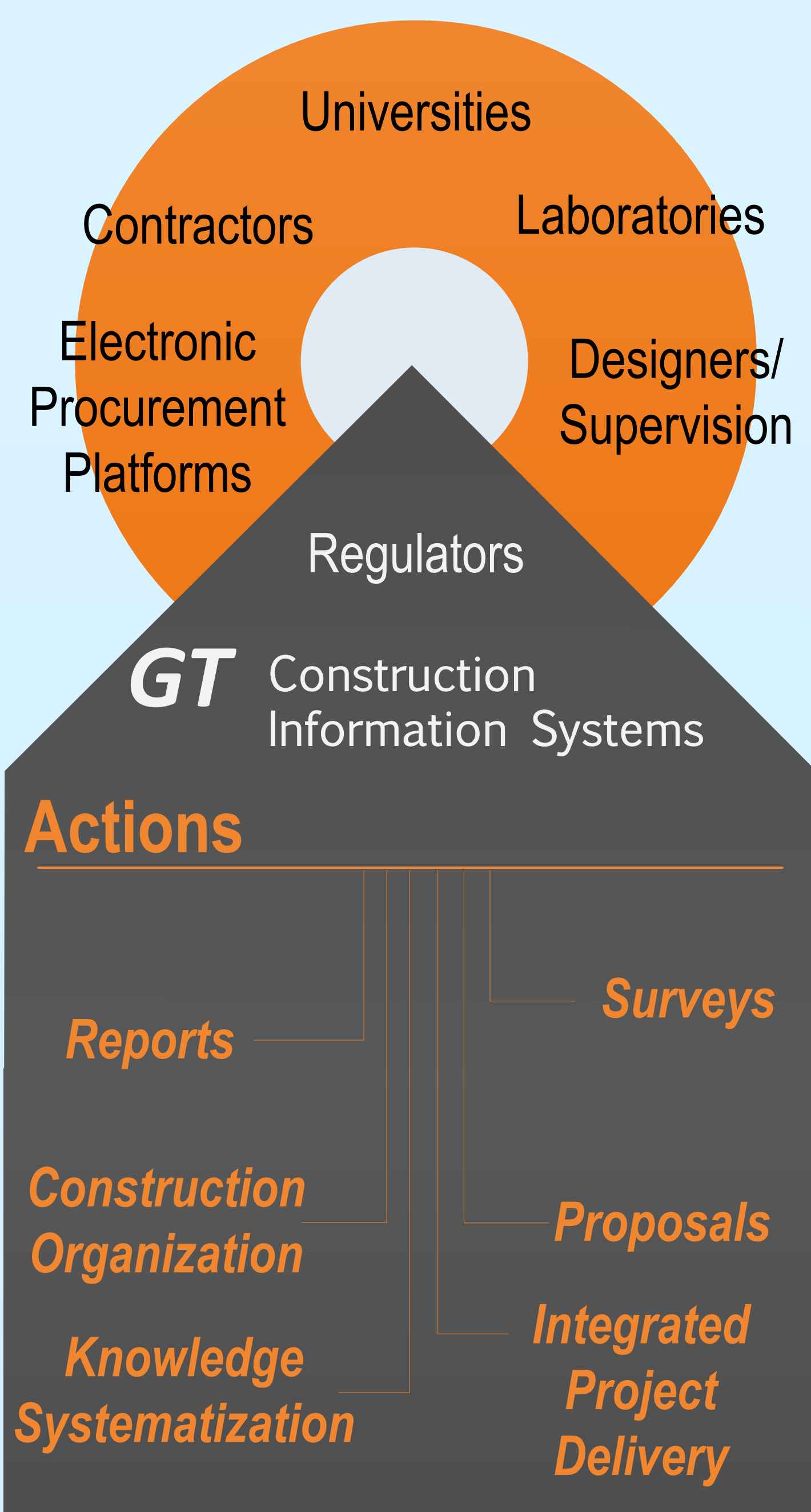
It is within the PTPC context that the Construction Information Systems group appears. Its focus is the use and advantages on the adoption of Information Technologies - IT across the construction process, and the inherent needs in terms of information systematization and standardization.

Aspects like communication, language, processes, stakeholders and all the possible relations involving information exchange are explored, in order to identify potential problems and improvement actions.

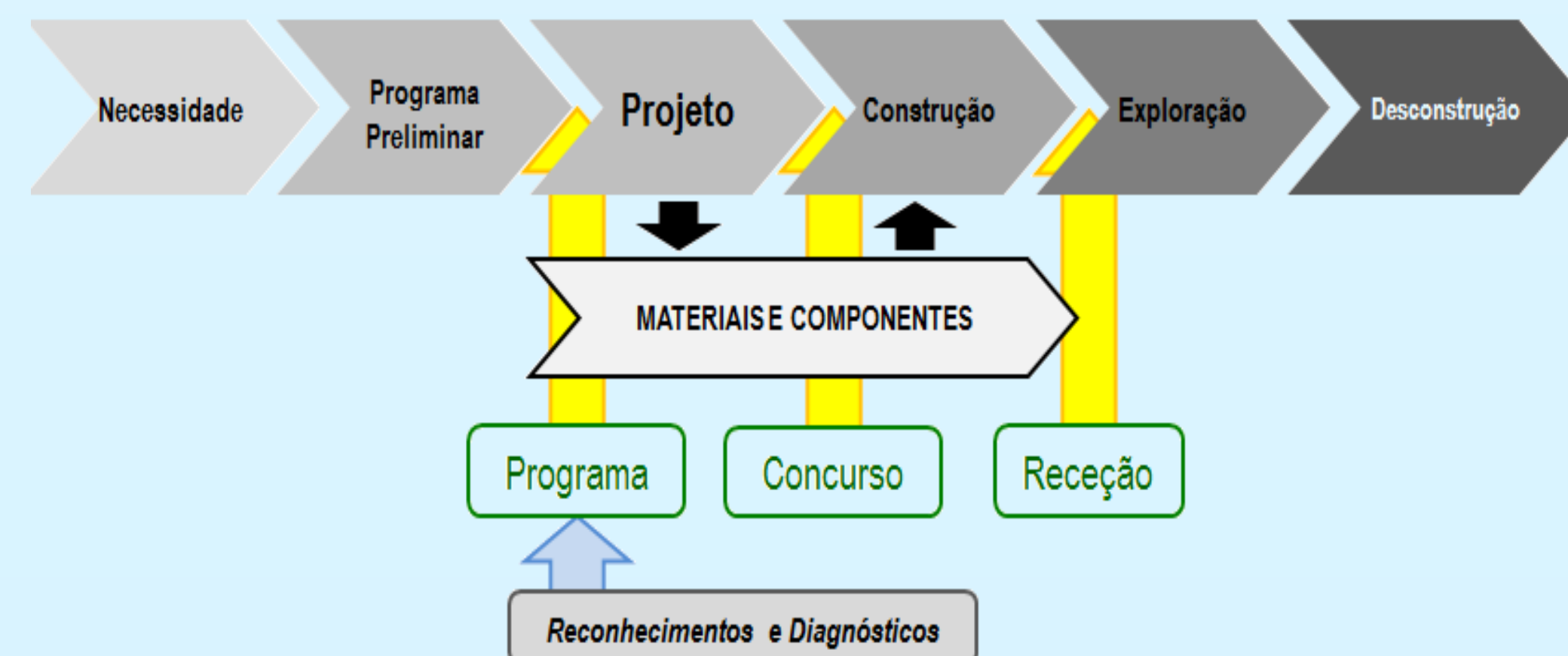
Nowadays and in the future the IT importance in construction will increase. It is therefore, fundamental to have a organized information system background. Unfortunately, the effort performed on the adoption of IT is not always followed by this concern, leading to disappointments and misunderstandings about the true advantages.

**Promote the coherency of the information and streamline the stakeholders actions through the entire construction life cycle is our global aim.**

### Stakeholders



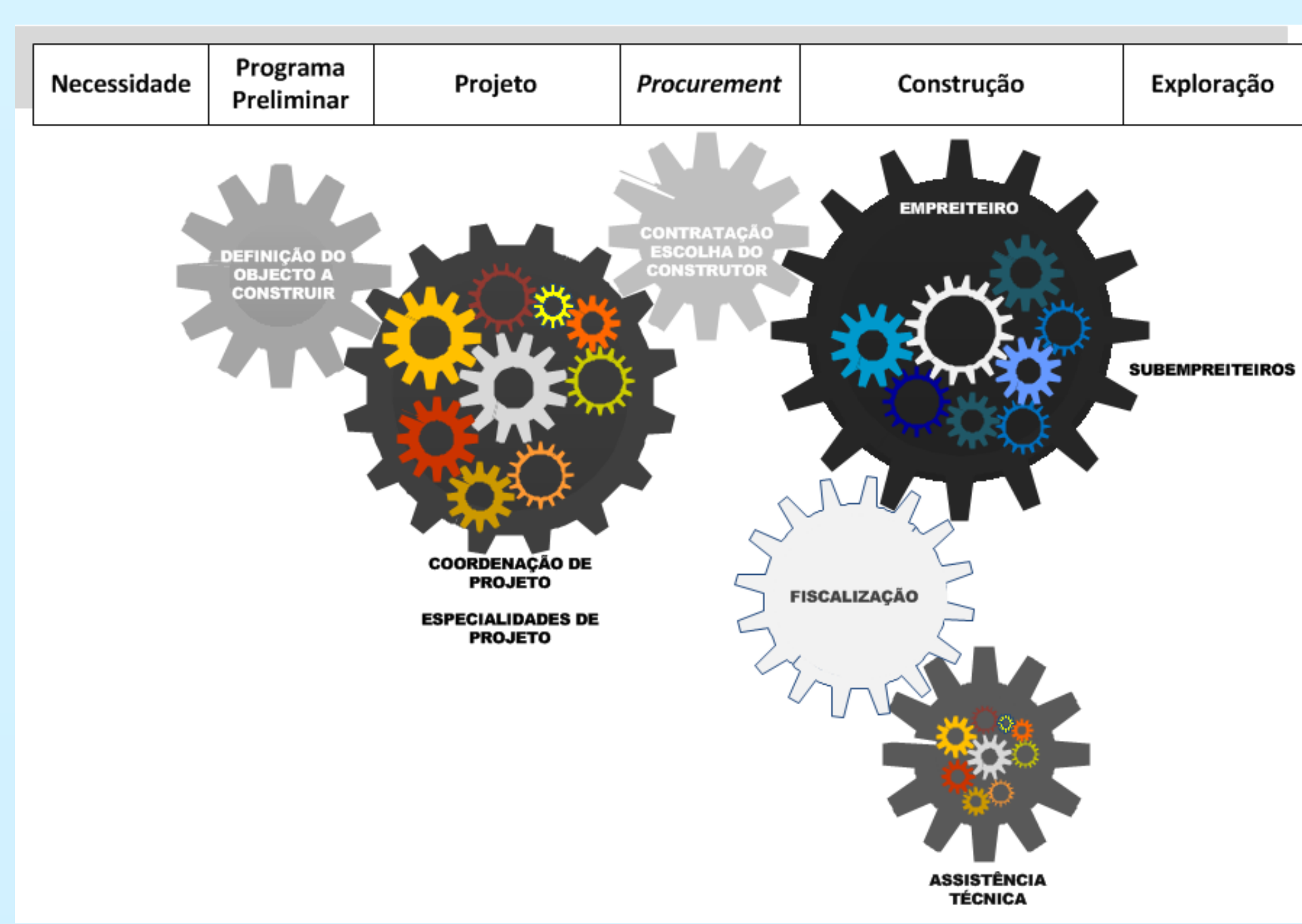
Sub-processos	Fases do Processo Construtivo						
	Necessidade	Programa Preliminar	Projeto	Procurement	Construção	Exploração	Desconstrução
Definição Concepto e Programática							
Gestão de empreitamento							
Licenciamentos							
Gestão Informação (BIM)							
Estudos Técnicos Especiais							
Coordenação de projeto							
Elaboração de Projeto							
Condições, ESI, e análises de processos							
Gestão de obra							
Compras e aprovisionamentos							
Planeamento e controlo de Segurança, Qualidade e ambiente							
Planeamento e controlo de Prazos e Custos							
Gestão de garantias							
Gestão de reclamações e manutenção							
Indic. e Quant. de trabalhos							
Administração de custos							



### Our work

This group scope gathers some of the major achievements to be fulfilled by the Construction Industry. The global vision for the sector envisages collaboration and integrated project delivery as main achievements for the Horizon 2020. Our work is geared to set the base for them. During the past year we have explored topics such as:

- Survey on the Information Systems used by the elements within the group and their role;
- Construction process and task matrix with stakeholders participation and identification of the systems used in each task;
- Survey on capital gains and weaknesses of the Information Systems;
- Reflection on the information classification systems used or applicable in construction;
- Development of ideas for Master Thesis;



### Government



### Universities and Research Centres



### Construction Services Providers



### Electronic Procurement Platforms



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