Protocols for Systematic Formats

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01_Rather than a fixed urban scheme, what it is here presented is an URBAN PROTOCOL. That is, a Flexible System able to be applied to wide range of urban sites (provided they share similar site specific conditions) albeit producing Differentiated specific configurations.

The protocol constructed with the use of parametric software is an intelligent and adaptive system that moves beyond the traditional set of strict regulations and statistical values that characterize metropolitan normative codes.

In contrast, the project is a complete set of architectural design ideas which are organized in a non-linear manner rather than a hierarchical Decalogue.

Far from an understanding of urban practice as a gestural, aesthetic and purely visual one, applying Parametric software to urban design allows us to think the architectural project as the complex, multi-scalar, smart and dynamic eco-system.

The system is generic and highly abstract but acquires high specificity when retro-feeded with site specific data of multiple natures: social, programmatic, material, topographic, environmental, etc.
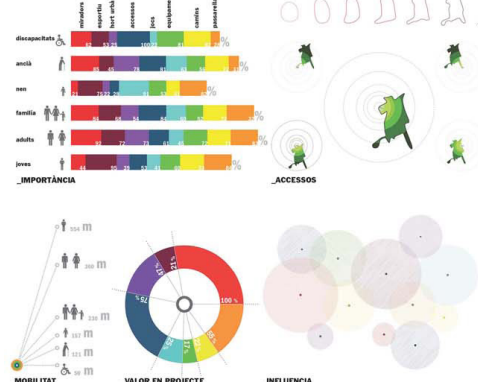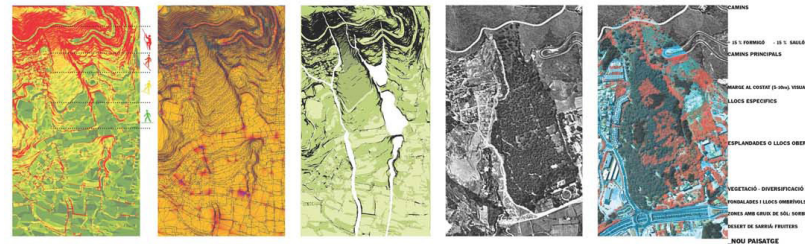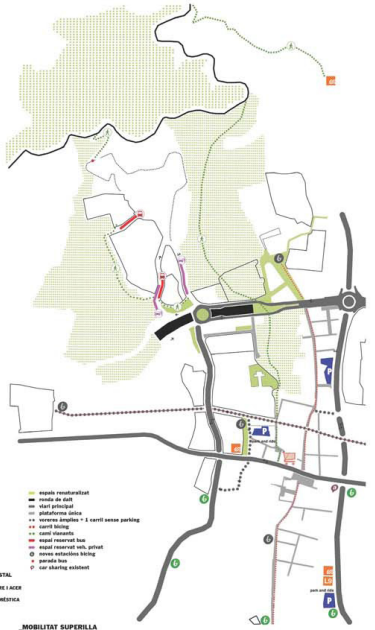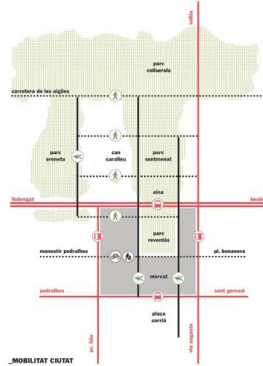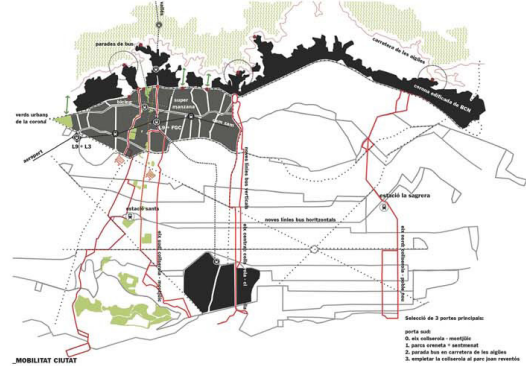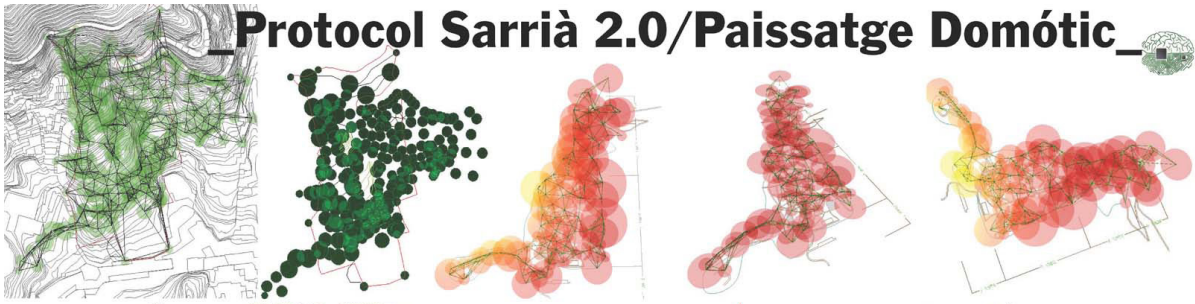
It is precisely because the parametric nature of the design method and technique, that the logic of the overall protocol moves beyond fixed types into the domain of adaptive Prototypes and hence, able to be fine-tuned within the same software-code that has been designed for the presented project.

02_ The use computational design techniques and methods allows to:

a) Geometrize and automate the various parameters, variables and operative logics in order to become dynamic Generative tools.

b) To Open the design process to citizenship in providing an interactive interface that allows to set each variable according to each social group's set of values.

c) To fuse Information and Telecommunication Technologies (ICT) with Nature and its processes within a single, adaptive and consistent continuum.

03_ Smart-Nature and ICT form one single holistic whole. Domestic components and urban ones (hard, green) become here one single urban ensemble thought the potential use of Domotic mechanisms. The relationship between Parametric software and Smart Electronics becomes key in contemporary urban design processes and methodologies as well as urban life as such.

Protocol Sarrià 2.0/Paissatge Domótic

_MOBILITAT CIUTAT

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_NOU PAISAGE

_MOBILITAT SUPERILLA

_PERIMETRE PARC

_IMPORTÀNCIA   _ACCESSOS   _NODES

_MOBILITAT   _VALOR EN PROJECTE   _INFLUENCIA   _XARXA PARC

_ METODOLOGIA/SOFTWARE PARAMETRIC >> PARC DE SENTMENAT PARAMETRITZAT >> PARTICIPACIO CIUTADANA > > PERMET L-ACTIVACIO DE PARAMETRES DE DISSENY PER PART DE LA SOCIETAT DE SARRIA