



atelab

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research development / urban systems





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ATELAB is both a research laboratory and an urban design studio: a composite structure of operational practice and experimental research with multidisciplinary approach for studies to production of urban development. It considers as fundamental, the articulation/osmosis of two realms distinct but in continuum; Architecture / Urbanism as a System.

ATELAB is an association under the 1901 French law, linked by an agreement to Ecole Nationale Supérieure d'Architecture de Paris-La-Villette (ENSAPLV-UP6), under supervision of the French Ministry of Culture.

ATELAB associates members coming from different professional environments: Experts, Researchers and Professors, gathered by a common acknowledgement of these targets.

ATELAB federates crossed competences in an open entity bringing together theoretical, experimental and practical knowledge coming from operational and pedagogical experiences.

ATELAB manages exchanges, partnerships and joint- projects, cooperation open to Institutes, Universities, Real Estate and AEC companies, Architectural and Urban Planning Studios, Local Associations, etc. both of France and international.

ATELAB is also an accompanying and framing structure, particularly with the Post graduate program MAP(Métropoles d'Asie Pacifique). Students will find here a structure of initiation and training for research and professional practices.

Objectives :

The primordial operational dimension, the space of main investment which ATELAB privileges correspond with the "URBAN PROJECT" property; the lieu of real life experience, the space of everyday life practice, on the cross road between the urban macro-management and the architecture of the building; the determining primal dimension for forthcoming evolution of the "urban" and future of it's essence - the "urbanity".

Sciences and concepts, methodologies and techniques, "know-how", process and production of "Urban project" :

- observations/data entry, analysis/diagnosis
- identification/ assessment, orientation/ strategy
- initiation/monitoring of campaign, working out project
- monitoring/project management
- assessment of campaign

Association régie sous la Loi de 1901 Ecole Nationale Supérieure d'Architecture de Paris La Villette (ENSAPLV)

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Members :

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Performances-fields of competence

Programming – orientation plan/Master plan of development - urban development plan - development project - urban achievement.

I - Operational Urbanism

- news towns, news quarters
- urban development with specific vocation
- Central Business District/ Activities Park/ Technological park
- business complex/ tourists setting up
- = rehabilitation, urban reconversion
- historical area, old town center
- large hold: industrial/ railway/ harbors setting up
- = Grand urban facilities and integrating complex:
- inter-modal transit, transit pole
- education, training and research complex
- cultural and sports setting up
- = network, spaces in town and urban requalification
- retraining of moving system and redevelopment of tracks
- reactive public spaces
- = ecology, urban environment
- hydraulic redevelopment/ plants integration system
- urban rejections treating system

II - Regulation and pre operational urbanism

- = urban development plan, land use plan, local urbanism plan
- = urbanism, landscape and architecture directives
- =programming and sectorial plan of urban quality
- = HEQ (high environmental quality) programming
- = Action 21 (earth summit,Rio,1992) , accompaniment elected members and territorial executives

III - Subjects, priority contribution axis

- = urban development with "reactive adjustment"
- = density- morphology- feat and urban quality-urbanity, comparatives, development, urban system working out and hybrid urbanity
- = housing with compromised density
- = interference/interactivity between moving system and urban qualification

IV - framework/ clause of project's achievement

- = Urban projects acting, study of cooperation and anticipation in demands, soliciting from:
- publics and para-publics institutions
- locals and territorial communities
- privates foreign and French operators
- competition
- studies and forecast projects of ATELAB

Illustrious references :

- **1. Doha Central Business Centre** / Qatar / Arte Charpentier / 2006 / Y.Lecoanet / Etat du Q. / 500ha / Development of new business district / International Competition
- **2. Kaohsiung Waterfront 2020** : New center of Finance et International Affaires, urban development of culture et leisure / Taiwan / Cosmos Inc. - ARTE Charpentier - APS / 2000 / P.Clement, Y.H.Shin / town council of K. / 850ha / International Consultation
- **3. Development Zone Seine Rive Gauche** / Paris / general conception APUR / 1990-2010 / SEMAPA
- **4. Sector Yannawa** : Urban rehabilitation , wasteland near river port / Bangkok / University Chulalongkorn – ENSA Versailles / 2003 / J.J. Dupuy architect city planner – B. Fournier structural engineer / Bangkok Metropolitan Authority / 45ha Master plan and urban architecture : High Rise Buildings (Offices-Condominium-Flats), "Low cost housing", "Park system"
- **1. Circular Boulevard** / Paris-La Défense / ARTE Charpentier / 2000 / Y.Lecoanet / EPAD / 4 000ml / Transformation of highway into urban boulevard
- **2. Corridor** : reconversion of railway Tshoying - Old Port, sequential poles of urban redeployment / Taiwan / HSIEC - ARTE Charpentier - APS / 2001 / Y.H.Shin / Municipalité de K. / 1000ha / Green belt and connection of public transports
- **3. Viaduc des Arts** / Paris / conception APUR / 1995 / P. Berger architecte / City of Paris / reconversion of viaduc SNCF
- **4. Nanhui Ville Nouvelle** / Chine / Arte Charpentier / 2002 / Y.Lecoanet/Comté de N. / 450ha / new town in Shanghai suburbs
- **1. Candidacy form OG 2012** / Paris / general plan APUR / 2005 / City of Paris / Olympic Complex Plaine St. Denis, Olympic Village Batignolles
- **2. Tourist Complex** , new international airport of Seoul / Incheon / APS - SFERG - Seaworld / 1998
- **3. Belval Ouest** / Luxembourg / Arte Charpentier / 2001 / Y.Lecoanet / Etat du Luxembourg+ARBED / 120ha / City "multipurpose" 700 000m²HO / International competition first price
- **4. Central station of Gwangju** / Seoul / APS - Dong-il Engineering corp. / 2005 / KNRC / Multitranport conception and development of surrounding city blocks
- **2. Multitranport pole Gare du Nord - Gare de l'Est** / Paris / APUR - AREP / 1999-2000 / SNCF - RATP
- **1. PLU du Coteau de la Guyonnerie** / France



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