

Pascal Carré

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ARCHITECT

PROFILE

Graduated architect with long term experience in large and medium architectural studios, including design and construction of new buildings and rehabilitation of existing buildings for the public and private sectors in France. International experience as architect and logistician in many developing countries (Africa, South-East Asia, Central America, East of Europe). Specific skills and experiences in conception, construction and development of hospitals and health structures, including implementation of environmental measures for infection prevention and control. Extensive knowledge in logistics for humanitarian organizations and special interest in shelter projects, water, hygiene and sanitation.

Inception in 2016 of INTERACTA, technical design office for international development actors, with Sebastien Soulier, hydrogeologist, WASH and IPC expert. More details are available on:

<https://interacta.pro/index.php/en/interacta/our-interventions/>
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WORK EXPERIENCE

CONSULTING WITH INTERACTA

- . **Review of proposal** for multidrug resistant TB clinic in Nsawam District Hospital, Ghana. KPMG. Nov. Dec. 2019
- . **Distance technical support** for new water and sanitation project in West Region, Cameroun. Luxembourg Red Cross. Oct. Nov. 2019
- . **Technical assessment** for renovation of Mbozi and Isoko Mission Hospitals, Tanzania. Mission 21. Mar. Jul. 2019
- . **Technical support** for the construction and rehabilitation of MDR-TB units in Niger. Save the Children International. Aug. 2018 Apr. 2019
- . **Project proposal:** "Building resilience to climate change of vulnerable communities in Saga urban district, Niamey, Niger. Luxembourg Red Cross. Jan. Feb. 2019
- . **Assessment and technical support** for the rehabilitation of the Raqqa National Hospital, Raqqa, North Syria. Médecins Sans Frontières Hollande. Mar. Jul. 2018
- . **Project proposal:** "Resilience of the inhabitants of Banconi district to the floods", Bamako, Mali. Luxembourg Red Cross. Oct. Dec. 2017
- . **Technical audit** of the project "Construction and rehabilitation of health structures in the province of North Kivu, Province Orientale, Province of Kasai-Oriental and Province of Kasai-Occidental, Democratic Republic of Congo". Philanthropy Advisors / KPMG. Jul. Nov. 2017
- . **Review of the SOP**, Standard Operating Procedures, for logistics to support the establishment of field hospital for epicentre of influenza pandemic in Indonesia. World Health Organisation. Sep. 2017
- . **Assessment** of the projects "Provision of drinking water and sanitation in the municipality of Dapélogo, Burkina Faso" and "Strengthening and sustainability of water and sanitation management in the municipality of Pabré, Burkina Faso". Luxembourg Red Cross. Jun. Jul. 2017
- . **Assessment** of environmental measures for infection control in 5 MDR-TB units in Niger. World Health Organization. May 2017

- . **Technical support** for the preparation of the construction and rehabilitation of the emergency service, Rumonge Hospital, Burundi. Médecins Sans Frontières Swiss. March 2017
- . **Technical support** for the construction and development works of the Pissy Ebola Treatment Centre, Medical Centre with Surgical Antenna of Pissy, Ouagadougou, Burkina Faso. Burkina Faso Red Cross. Jan. Feb. 2016
- . **Project proposal:** "Community Resilience to Floods, Namentenga Province, Burkina Faso". Luxembourg Red Cross. Dec. 2015-Jan. 2016

RED-CROSS OF LUXEMBOURG

Employment as water and habitation referent. Project coordinator in charge of conception and construction of Ebola Treatment Centres in Niger, Senegal and Burkina Faso. Assessment of the shelter projects in Niger, Burkina Faso, Mali, Senegal and Burundi. Nov. 2014-Nov. 2015

MEDECINS SANS FRONTIERES SWISS

Long term involvement with MSF Swiss as architect and logistician.

- . **Interim construction referent** in Geneva headquarter. Apr. Jul. 2016
- . **Operational logistic referent** in Geneva headquarter for Chad, Djibouti, Haiti, Kenya, Myanmar, Philippines, Somalia, Sudan and South-Sudan over different periods of times. Responsible for general logistics and project management. Dec. 2007-Aug. 2014
- . **Final assessment** of construction work in Saclepea Hospital, Nimba, Liberia. 2007
- . **Final assessment** of construction work in Bunia Hospital, Ituri, Democratic Republic of Congo. 2007
- . **Construction** of Out-Patient Department and Paediatric ward in Bunia Hospital, Ituri, Democratic Republic of Congo. 2007
- . **Logistics Coordinator** for South-Sudan mission, based in Nairobi, Kenya. Responsible for general logistics, technical support and project management for rural hospitals. 2004-2006
- . **Project** for the rehabilitation of the hospitalization ward for tuberculosis in Savannakhet, RDP Lao. 2003
- . **Project and construction** of an operating theatre in Dungu, Haut-Uélé, Democratic Republic of Congo. 2003
- . **Assessment and project** for the rehabilitation of a polyclinic in Monrovia, Liberia. 2003
- . **Project and construction** of a polyclinic in Faculteta urban poor area, Sofia, Bulgaria. 2003
- . **Assessment and proposal** for water and sanitation project in urban poor area in Malabon, Metro Manila, Philippines. Nov. Dec. 2002
- . **Water and Sanitation Coordinator.** Solid waste management project in Savannakhet Provincial Hospital, Khanthabouly District, RDP Lao. Feb. Sep. 2002
- . **Assessment and proposal** for water supply project in Wag Hemra Province, Ethiopia. Nov. Dec. 2001
- . **Water and Sanitation Coordinator** in Manila, Philippines. Construction of rainwater drainages in Malabon shantytown, including social approach, community participation and training sessions. 2000-2001
- . **Building Coordinator** for MSF Swiss, Belgium and Holland based in Phnom Penh. Design and supervision of the construction, rehabilitation and sanitation of rural hospitals and health centres country wide. Cambodia. 1997-1999
- . **Logistician and administrator.** Technical support and construction of the hospital and health centres in Kratie Province, including general logistics and administration. Kratie, Cambodia. 1996

ARCHITECTURE

Independent architect and collaborator of architecture studio in Paris, Nimes and Montpellier. Conception, rehabilitation or extension of public and private buildings, including museum, school, city hall, office building, warehouse, condominium and social housing. Urban analysis and urban planning. Architectural competitions. Design of furniture.

- . Registration as independent architect in Montpellier, France. 1993-1996
- . Architect in the studio of Architecture and Urbanism of Jean-Patrick Fortin, Paris, France. 1992
- . Architect in the studio of Jean-Michel Wilmotte, Designer and Architect, Paris, France. 1989-1991

EDUCATION

ACADEMIC FORMATION

. **Graduation as Architect DPLG** (Diplômé Par Le Gouvernement), National High School of Architecture of Montpellier, France. 1988

FURTHER TRAINING

«**Indoor Air Quality**». Massive Open Online Course organized by TIPEE and CEREMA. France. 2019

«**Sustainable construction in tropical context**». Massive Open Online Course organized by ADEME (Environment and Energy Management Agency). France. 2018

«**Guidelines for Laboratory Design: Health and Safety Considerations**». Harvard School of Public Health, Centre for Continuing Professional Education, Boston, USA. May 2014

«**Building Design and Engineering Approaches to Airborne Infection Control**». Harvard School of Public Health, Centre for Continuing Professional Education, Boston, USA. Aug. 2009

«**Architectes de l'urgence**», « The Architect and Emergency, territories, cities and inhabitants facing the risk of destruction ». Montpellier, France. Dec. 2003

«**Management of Urban Environment in the cities of the South**» Ecole Polytechnique Fédérale de Lausanne (EPFL). Lausanne, Swiss. Sep. 2001

«**Emergency Water Supply and Sanitation**». Water, Engineering and Development Centre (WEDEC). Loughborough University, England. Apr. 1999

«**Logistics and Transportation**», organized by "Performance Formation Professionnelle". Montpellier, France. 1996

ADDITIONAL SKILLS

PUBLICATION

"Temporary Health Structures. A practical handbook for setting up temporary and semi-permanent health structures in the field." International Technical Coordination, MSF International. 2012

TRAINER

. Workshop on planning and site preparation for health emergency response unit. Eidene, Norway. Norwegian Red Cross. Sep. 2018

. Workshop «Fight against the transmission of nosocomial tuberculosis in French-speaking countries». In charge of environmental measures for infection control. Dakar, Senegal. World Health Organisation. May 2011

. "Logistic Technical Training". In charge of construction module. Kampala, Uganda. Médecins Sans Frontières Swiss. Apr. 2007-2008-2009

LANGUAGES

Native French, fluent English