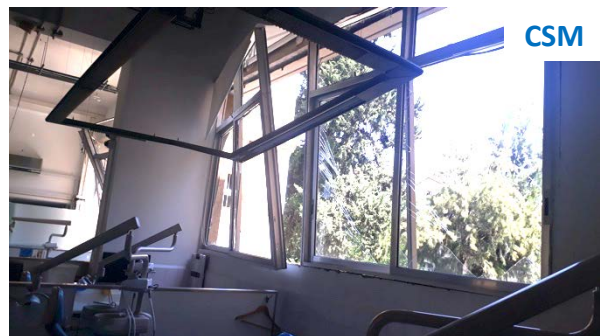


SAINT JOSEPH UNIVERSITY OF BEIRUT (USJ)
CAMPUS DAMAGE AND REPAIR COSTS
EXPLOSION OF AUGUST 04, 2020 AT THE PORT OF BEIRUT

USJ IS REBIRTH FROM ITS ASHES



SAINT JOSEPH UNIVERSITY OF BEIRUT (USJ)

Summary report of the cost of repairing the damage caused by the explosion of August 04th, 2020

Introduction

on August 4th, 2020 at around 6 p.m., two explosions took place in Lebanon in the port of Beirut. The second explosion, of 2,750 tons of ammonium nitrate stored in one of the port warehouses, caused considerable human and material damage throughout the city. Within the port, the explosion left a crater 120 m in diameter and 43 m deep, completely wiping out a portion of the coastline and all the surrounding warehouses.



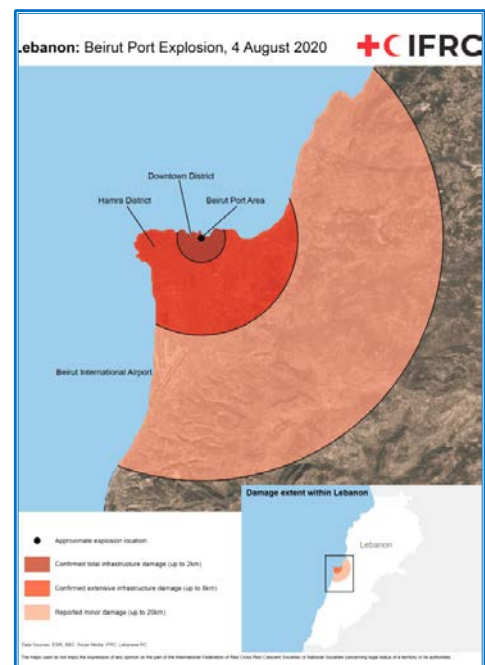
Fig. 1 : Explosion of August 04th, 2020 at the port of Beirut

According to a provisional toll, the explosion left at least 180 dead and more than 6,000 injured, including 120 in critical condition. 40 people are still missing and more than 200,000 displaced. The material damage is estimated at several billion dollars. According to specialists this explosion would have had almost 20% of the power of that of the atomic bomb which destroyed Hiroshima and counts "without a doubt among the largest non-nuclear explosions in history", of a magnitude comparable to the catastrophe. of Texas City from 1947.

The day after the disaster, the governor of Beirut, Mr. Marwan Abbout, announced that "nearly half of Beirut is destroyed or damaged".

Several hospitals located in the Achrafieh district were completely devastated. The Hôtel Dieu de France Hospital (HDF), the USJ University Hospital Center and one of the largest in Lebanon was also seriously affected.

Fig. 2 : Extent of damages



The **Hôtel-Dieu de France (HDF)**, welcomed more than 800 wounded on the evening of the tragedy, triggered its "disaster plan" and its teams are, as always, engaged at the front from the first minute, despite the material damage suffered at the hospital. Initial estimates for the repairs are **US\$ 2 million** (with a projected deficit for 2021 of **\$ 15 million**).

In the **USJ and HDF buildings**, walls, windows, doors, ceilings and electrical wiring are destroyed. However, they remain open and continue, despite all the difficulties, their academic and medical mission. **For USJ, the 5 Beirut Campuses** also suffered serious material damage. The reconstruction and rehabilitation of these Campuses will require several months of work and will **cost more than US\$ 2.2 million**.

Already the economic, political and health crisis had a negative impact on the budget of our University. If tuition fees remain unchanged, we would expect a **deficit of around US\$ 30 million**.

As of September, 4,500 students will need financial assistance estimated at US\$ 9 million.

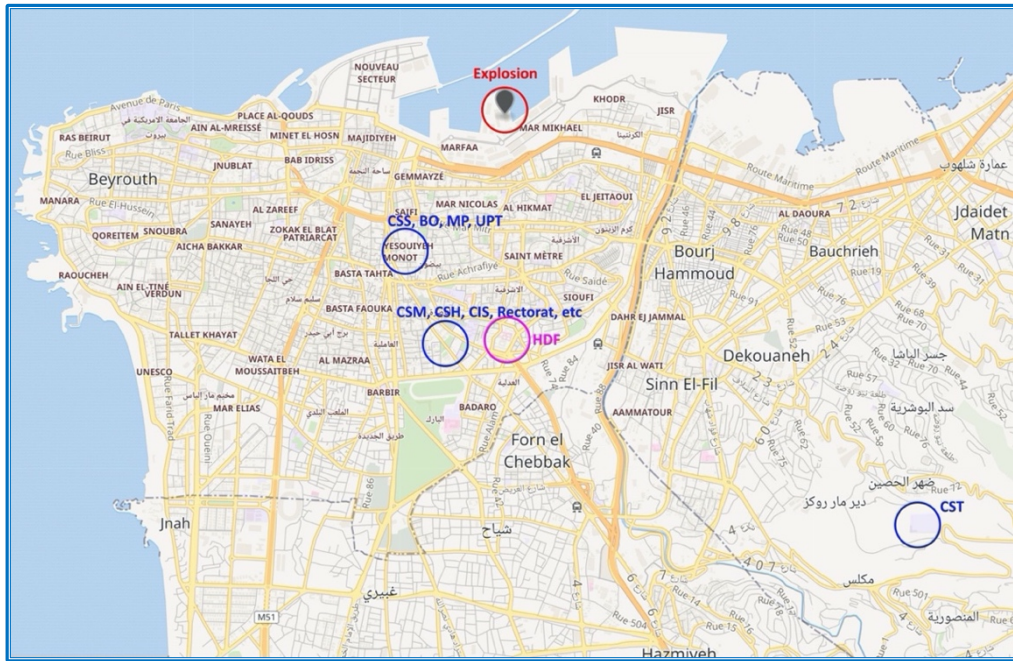


Figure 3 : USJ and HDF campus

Summary table

Cost of repairing damages from the explosion of August 4 th , 2020			Key Numbers			
Campus/Unit	Repairing cost US\$	Equipment Destroyed* (estimation)	Number of students	Number of full-time Faculty	Number of part time lecturers	Number of permanent staff
Campus of Innovation and Sport (CIS)	164,174	25,000	966	36	218	55
Campus of Human Sciences (CSH)	152,369	25,000	3200	106	454	91
Campus of Medical Sciences (CSM)	174,071	50,355	2358	98	629	100
Campus of Social Sciences (CSS)	790,997	50,000	2178	65	182	47
Campus of Science and Technology (CST)	266,002	25,000	2198	70	422	47
Oriental library (estimate)	150,000	25,000	Open for all	Open for all	Open for all	6
University for All (estimate)	30,000	10,000	568	Open for all	Open for all	2
Prehistory Museum (estimate)	20,000	10,000	Open for all	Open for all	Open for all	2
Monnot Theater (estimate)	30,000	50,000	Open for all	Open for all	Open for all	2
Rectorate and USJ Reference	8,815	0	0	6	13	167
USJ Residence (student residence)	5,512	0	150	0	44	18
TOTAL	1,791,940	270,355				
Unscheduled Work 20%	358,388	0				
TOTAL in US\$ (fresh)	2,150,328	270,355				
TOTAL in L.L. (1\$=8000L.L.)	17,202,624,000	2,162,840,000				

* Equipment destroyed: AC units, lab machines, pumps, computers, laptops, printers, LCD projectors, cameras, screens, sunscreens, tables, chairs, accessories, etc.

Total cost around **two million five hundred Thousand US\$**
Duration of work 2 to 3 months.

Hit in the heart, USJ is the most affected University in terms of material damage ... but we are and will remain the hope of generations.

TOGETHER WE REBUILD



