



## Shelter and Public Infrastructure Improvements (Upgrades)

The number of Syrian refugees in Iraq is expected to increase from 244,760 (March 2021) to 260,000 by the end of 2022, according to UNHCR and the Regional Refugee & Resilience Plan: Iraq Country Chapter 2021-2022. The Kurdistan Region of Iraq (KRI) hosts over 98% of the Syrian refugees in Iraq, 51% of whom reside in Erbil Governorate and 34% in Duhok Governorate. Refugees' preference to reside in camps has increased due to economic hardship and lack of employment. Given these circumstances, it remains necessary to continue prioritizing assistance to Syrian refugees in camps, particularly the most vulnerable, while also focusing on a gradual transition to longer-term solutions, increased self-reliance, and integration with the host community. UNHCR launched a "tent-free camp" initiative to ensure that refugees live in more durable, semi-permanent shelters. Living in tents for extended periods undermines the safety, health, and dignity of refugee families. Moreover, the environmental conditions of the KRI are harsh including high winds, rain, snow, and temperatures ranging from below freezing to over 100 degrees Fahrenheit. Thus, the shift to more durable shelter is a priority.

Refugees face disproportionate challenges finding work opportunities outside of the camps. Despite efforts to facilitate refugee employment-seekers, refugees must continuously seek income-generating opportunities to sustain themselves and their families.

Peace Winds began upgrade activities by identifying the most vulnerable households living in the targeted refugee camps. Households were scored using a Shelter & Vulnerability Assessment tool, and the results were later confirmed through meetings with stakeholders.

Two rounds of orientations were conducted at each camp: one to introduce the project and clarify each party's responsibilities, and the second to explain the technical design of the self-building process. Beneficiary feedback collected during orientations and focus group discussions contributed to project adjustments.

Construction material and cash distributions were made during each construction stage. Shelter owners were responsible for hiring refugee labor and upgrading their own homes. Peace Winds staff closely supervised the refugees through each stage. Peace Winds also supported Tool Centers in each camp where refugees could borrow tools and equipment and receive training on their use.

In Erbil from September 2020 until September 2022 accessible latrine and shower, wall and floor handrails, and concrete ramps were installed in the shelters with persons with disabilities and elderly family members.

Public facilities were improved for persons with disabilities and elderly in four camps in Erbil governorate.

Upgrades of public facilities included construction of accessible ramps both concrete and portable to be more accessible for persons with disabilities and elderly as well as installing handrails and concrete paths and casting concrete for path areas. These upgrades make public areas more accessible and safe for people with disabilities and elderly.

In Duhok from September 2020 until September 2022 the project supported vulnerable refugee households in need of more durable shelters by upgrading substandard shelters including the living area, latrines, showers, and kitchens. For shelters that currently have only canvas or zinc roofs, no windows or fixed doors and unsanitary latrines, bathing, and cooking facilities, a standard upgrade generally included raising wall height and providing sandwich panel roofs, doors and windows, and basic electrical work.



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## Numbers

Camps	Year 1 (2018 - 2019)			Year 2 (2019 - 2020)		
	# of upgraded shelters	% of satisfied households	% of satisfied laborers	# of upgraded shelters	% of satisfied households	% of satisfied laborers
Basirma	10	90%	100%	18	100%	100%
Darashakran	200	100%	99%	102	100%	100%
Kawergosk	348	100%	97%	442	100%	100%
Qushtapa	243	100%	98%	130	100%	100%
<b>Total</b>	<b>801</b>	<b>99%</b>	<b>98%</b>	<b>692</b>	<b>100%</b>	<b>100%</b>

  

Camps	Year 3 (2020 - 2021)			Year 4 (2021 - 2022)		
	# of upgraded shelters	% of satisfied households	% of satisfied laborers	# of upgraded shelters	% of satisfied households	% of satisfied laborers
Basirma				74	98.1%	100%
Darashakran	313	97%	99%			
Kawergosk	202	100%	99%			
Qushtapa				230	98.7%	98.6%
Domiz 1	626	99%	100%	717	99.7%	99.9%
Domiz 2	175	98%	100%	53	100%	99.8%
<b>Total</b>	<b>1,316</b>	<b>98%</b>	<b>99.5%</b>	<b>1,074</b>	<b>99.1%</b>	<b>99.6%</b>

Table 1: Shelter upgrade and satisfaction result from Oct,2018 to Oct,2022

Camps	Year 1 (2018 - 2019)			Year 2 (2019 - 2020)		
	Total Skilled Workdays	Total Unskilled Workdays	Total Workdays	Total Skilled Workdays	Total Unskilled Workdays	Total Workdays
Basirma	68	108	176	126	187	313
Darashakran	1,596	2,396	3,992	3,040	5,501	8,541
Kawergosk	2,332	3,724	6,056	690	1,048	1,738
Qushtapa	1,580	2,552	4,132	868	1,505	2,373
<b>Total</b>	<b>5,576</b>	<b>8,780</b>	<b>14,356</b>	<b>4,724</b>	<b>8,241</b>	<b>12,965</b>

  

Camps	Year 3 (2020 - 2021)			Year 4 (2021 - 2022)		
	Total Skilled Workdays	Total Unskilled Workdays	Total Workdays	Total Skilled Workdays	Total Unskilled Workdays	Total Workdays
Basirma	-	-	-	834.76	801	1,636.24
Darashakran	3,115.18	2,697.28	5,812.46	-	-	-
Kawergosk	2,231.50	1,941.06	4,172.56	-	-	-
Qushtapa	-	-	-	2,236.96	2,217.92	4,454.88
Domiz 1	3,836	5,171	9,007	9,712	8,498	18,210
Domiz 2	1,050	1,400	2,450	848	742	1,590
<b>Total</b>	<b>10,232.68</b>	<b>11,209.33</b>	<b>21,442.02</b>	<b>13,631.72</b>	<b>12,259.40</b>	<b>25,891.12</b>

Table 2: Workdays for shelter and public infrastructure upgrade.

Camps	Year 1 (2018 - 2019)		Year 2 (2019 - 2020)	
	Total Workers	# Male Workers	# Female Workers	Total Workers
Basirma	59	84	3	87
Darashakran	833	464	15	479
Kawergosk	774	971	-	971
Qushtapa	679	472	3	475
<b>Total</b>	<b>2,345</b>	<b>1,991</b>	<b>21</b>	<b>2,012</b>

  

Camps	Year 3 (2020 - 2021)			Year 4 (2021 - 2022)		
	# Male Workers	# Female Workers	Total Workers	# Male Workers	# Female Workers	Total Workers
Basirma				319	21	340
Darashakran	623	26	649			
Kawergosk	530	7	537			
Qushtapa				137	31	168
Domiz 1	2,015	605	2,620	2,539	875	3,414
Domiz 2	539	186	725	317	51	368
<b>Total</b>	<b>3,707</b>	<b>824</b>	<b>4,531</b>	<b>3,312</b>	<b>978</b>	<b>4,290</b>

Table 3: Workers for shelters and public infrastructures upgrade.

## Sustainability and the Future

During the last four years, Peace Winds projects have enhanced the living conditions of 3,883 Syrian refugee households. More durable, semi-permanent shelters provide the beneficiaries with greater safety and dignity basic rights everyone deserves. Existing refugee camps with semi-permanent shelters are able to more easily transition to peripheral neighborhoods of surrounding cities, as envisioned in the 3RP strategy. Peace Winds' self-building approach encouraged beneficiaries to take a stronger sense of ownership in their homes, increasing the likelihood that they will maintain them. The implementation of cash-for-work, rather than payment to contractors, contributed to the short-term economic well-being of refugees.

Peace Winds is currently implementing "Sustainable Shelters, Camp Infrastructure, and Livelihoods for Syrian Refugees in Kurdistan Region of Iraq 2020-2022" by PRM in Duhok and Erbil Governorates, KRI. In addition to shelter upgrades, Peace Winds will also improve the quality of life of persons with disabilities and the elderly by installing accessibility additions to homes and camp facilities

### Thank You

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## Peace Winds Shelter and Public Infrastructure Improvements



2020-2022 Peace Winds Shelter and Public Infrastructures Improvements for Syrian Refugees in the Kurdistan Region of Iraq

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