

The diagram illustrates the four pillars of sustainable building, each represented by a large, curved arrow pointing clockwise, with smaller arrows indicating internal relationships.

- AESTHETICS** (top): Includes lighting (Lichtstimmung), scent (Geruch), suitable materials, and Re-use.
- ECONOMY** (right): Includes roof space utilization, **Functionality! Pragmatics!**, Logic + Logistics, daily routine, robust and sturdy, and **"low tech solutions"**.
- ENVIRONMENT** (bottom): Includes Reduce noise emissions, Secure pollutants, avoid fine dust, **"CO₂-neutral"**, minimize land-sealing, and **"zero waste"**.
- SOCIAL** (left): Includes safe and pleasant working environment, **"Appreciation"**, respect, clean surroundings, sense of well-being, warm comfortable rooms, and close to nature and environment.

0 C° +1C° 18C° 22C°

sealed

functional

noisy

quiet

nature

permeable

total plot area 2920qm

layer 1 layer 2 layer 3 layer 4

The diagram illustrates the layout of a building footprint with various rooms and their respective areas. The rooms are represented by circles of different sizes and colors, with lines connecting them to their labels. The labels are as follows:

- Sanitär 40qm (Green circle)
- Verwaltung 69qm (Dark blue circle)
- Werkstätten 120qm (Orange circle)
- Garagen 250qm (Grey circle)
- Lagerflächen Innen 360qm (Orange circle)
- Lagerflächen Außen 750qm (Orange circle)

The total area of the building footprint is 2920qm, indicated by a dashed grey circle.

Verwaltung 69qm	Sanitär 40qm		Werkstätten 120qm	Lagerflächen Innen 360qm	
Bauhofleitung 17m²	Umkleide F 5m²	Umkleide M 8m²	Schlosserei 40m²	Lager Maler 40m²	Technik/ Sonstiges ?? m²
Büro 30m²	WC F 5m²	WC M 10m²	Schreinerei 40m²	Lager Elektro 40m²	Lagerflächen Außen 750m²
Sozialraum 15m²	Dusche F 5m²	Dusche M 7m²	Malerwerkstatt 20m²	Lager Tiefbauamt 200m²	Abstellplätze 80m²
Teeküche 5m²			Elektrowerkstatt 20m²	Lager Schlosserei 40m²	Bauhofgaragen 120m²
Kopierraum 2m²				Lager Schreinerei 40m²	PKW Garagen 50m²
Gesamtfläche Grundstück 2920qm				Garagen 250qm	

The diagram illustrates a building layout divided into three main climate zones, each with specific room allocations and areas. The zones are defined by dashed lines and labeled at the top and bottom.

- Zone 1 (Left):** Labeled "outside" at the top and "approx. 750 m²" at the bottom. It contains a large dashed orange circle labeled "Lagerflächen Außen 750m2".
- Zone 2 (Middle):** Labeled "dry, protected" at the top and "approx. 370-450 m²" at the bottom. It contains several rooms:
 - Lager Tiefbaumat 200m² (orange circle)
 - Bauhofgaragen 120m² (grey circle)
 - PKW Garagen 50m² (grey circle)
 - Abstellplätze 80m² (grey circle)
- Zone 3 (Right):** Labeled "+1 C° (frost-proof)" at the top and "approx. 400 m²" at the bottom. It is further divided into two sub-zones:
 - Top Sub-zone (+1 C°):** Labeled "+1 C° (frost-proof)" at the top. It contains:
 - Lager Schreinerei 40m² (orange circle)
 - Lager Schlosserei 40m² (orange circle)
 - Lager Elektro 40m² (orange circle)
 - Lager Maler 40m² (orange circle)
 - Bottom Sub-zone (+18 C°):** Labeled "+18 C° (working atmosphere)" at the bottom. It contains:
 - Schreinerei 40m² (orange circle)
 - Schlosserei 40m² (orange circle)
 - Elektrowerkstatt 20m² (orange circle)
 - Malerwerkstatt 20m² (orange circle)
- Zone 4 (Far Right):** Labeled "+20C° (pleasant climate all year round)" at the top and "+20C° (working atmosphere)" at the bottom. It contains various rooms:
 - Dusche M 7m² (teal circle)
 - WC M 10m² (teal circle)
 - Umkleide M 8m² (teal circle)
 - Umkleide F 5m² (teal circle)
 - WC F 5m² (teal circle)
 - Dusche F 5m² (teal circle)
 - Technik/ Sonstiges ?? m² (grey circle)
 - Bauhofleitung 17m² (teal circle)
 - Büro 30m² (teal circle)
 - Kopierraum 2m² (teal circle)
 - Teeküche 5m² (teal circle)
 - Sozialraum 15m² (teal circle)

circulation and areas

