```
In [5]:  from imageai.Detection import ObjectDetection
         import os

         execution_path = os.getcwd()

         detector = ObjectDetection()
         detector.setModelTypeAsRetinaNet()
         detector.setModelPath( os.path.join(execution_path , "resnet50_coco_best_v2.0.1.h5"))
         detector.loadModel()
         custom_objects = detector.CustomObjects(person=True, car=False)
         detections = detector.detectCustomObjectsFromImage(input_image="C:/Users/Kamil/Desktop/BodyDet
         ection-Python/test_images/image7.jpg", output_image_path=os.path.join(execution_path , "image_
         new.png"), custom_objects=custom_objects, minimum_percentage_probability=65)


         cnt = 0


         for eachObject in detections:
             print(eachObject["name"] + " : " + eachObject["percentage_probability"] )
             print("--------------------------------")
             cnt = cnt + 1

         print("Nr of people detected: " + str(cnt))
```

```
person : 81.60683512687683
--------------------------------
person : 90.97105264663696
--------------------------------
person : 88.5057806968689
--------------------------------
person : 95.46234607696533
--------------------------------
person : 72.14745879173279
--------------------------------
person : 91.75140857696533
--------------------------------
Nr of people detected: 6
```

```
In [6]:  from IPython.display import Image
         Image("image_new.png")
```

Out[6]: