Mockup for report based on current scenario

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Instant report

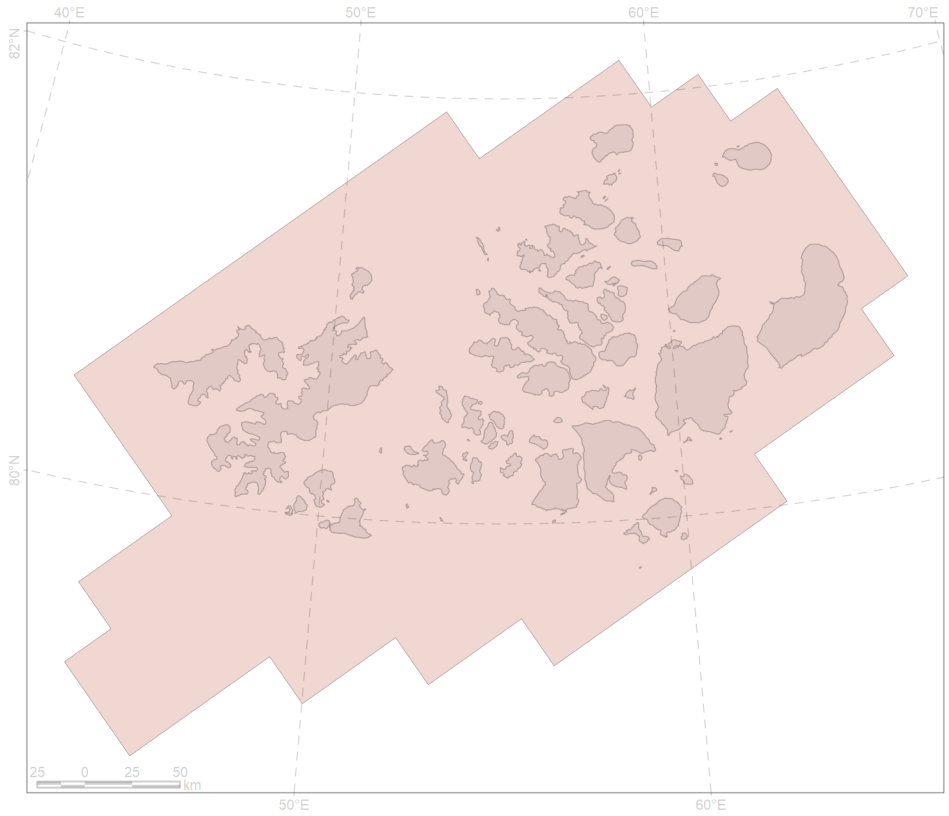
This is dynamically generated report based on passed parameters.

```
wd <- setwd("..")
source("resources/global.R")
setwd(wd)
```

```
if (is.null(aoi)) {
   aoi <- regionSF[[c("PACs","LMEs")[1]]]
   aoi <- aoi[grep("(\\s(22)|Barents)",aoi$region),]
}
if (is.null(metrics)) {
   group <- c("\\d")
   ctable <- crosstable(aoi=aoi,group=group)
   metrics <- regionStats(aoi=aoi,ctable=ctable,raw=F)
}
isAOI <- is_spatial(aoi)
if (isAOI) {
   if ("id" %in% spatial_colnames(aoi))
      lab <- regionSF[[aoi$region[1]]]$region[aoi$id]
   else
      lab <- aoi$region
   str(lab)
}
```

```
##  chr "PAC 22"
```

```
session_grid(NULL)
a <- glance(spatial_geometry(aoi),blank="white",coast.fill="#00000010")
knitr::include_graphics(a)
```




```
str(aoi)
```

```
## Classes 'sf' and 'data.frame':   1 obs. of  2 variables:
##  $ region  : chr "PAC 22"
##  $ geometry:sfc_MULTIPOLYGON of length 1; first list element: List of 1
##   ..$ :List of 1
##   .. ..$ : num [1:51, 1:2] 44 45 44 45 46.1 ...
##   ..- attr(*, "class")= chr [1:3] "XY" "MULTIPOLYGON" "sfg"
##  - attr(*, "sf_column")= chr "geometry"
##  - attr(*, "agr")= Factor w/ 3 levels "constant","aggregate",..: NA
##   ..- attr(*, "names")= chr "region"
```

```
str(metrics)
```

```
## List of 16
##  $ NAO     : num 1286
##  $ NAC     : num 5353
##  $ NAOR    : num 12.1
##  $ NACR    : num 50.5
##  $ IND     : Named num [1:33] 148.4 161.2 153.2 112 91.8 ...
##   ..- attr(*, "names")= chr [1:33] "AC" "AM" "AS" "FBD" ...
##  $ TOP IND : Named num [1:3] 291 292 406
##   ..- attr(*, "names")= chr [1:3] "SLF" "ST" "TMT"
##  $ LC IND  : Named num [1:3] 20 50.4 39
##   ..- attr(*, "names")= chr [1:3] "FCT" "FLF" "FPS"
##  $ SCO     : Named num [1:12] 408 408 406 419 422 ...
```

```
##   ..- attr(*, "names")= chr [1:12] "Jan" "Feb" "Mar" "Apr" ...
##  $ SC      : Named num [1:3] 517 514 515
##   ..- attr(*, "names")= chr [1:3] "Jun" "Jul" "Aug"
##  $ nPU     : int 106
##  $ nCF     : int 43
##  $ area_src: num 94585
##  $ area_pu : num 95400
##  $ puLand  : num 14294
##  $ puMarine: num 81106
##  $ ePA     : num 71859
```